



# ESGAR

Annual Meeting and Postgraduate Course

# 2022



May 31 – June 3

LISBON  
PORTUGAL

**FINAL PROGRAMME**



# ESGAR 2022 FINAL PROGRAMME

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# IMPORTANT ADDRESSES

## ORGANISING SECRETARIAT

### Central ESGAR Office

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E-Mail: [office@esgar.org](mailto:office@esgar.org)

[www.esgar.org](http://www.esgar.org)

## EXHIBITION MANAGEMENT

### MAW

Medizinische Ausstellungs- und  
Werbegesellschaft  
International Exhibitions & Advertising  
Freyung 6/3  
AT – 1010 Vienna  
Phone: +43 1 536 63 73  
Fax: +43 1 535 60 16  
E-Mail: [maw@media.co.at](mailto:maw@media.co.at)

[www.media.co.at](http://www.media.co.at)

## CONFERENCE VENUE

### Centro de Congressos de Lisboa (CCL)

Praça das Indústrias  
PT – 1300-307 Lisbon

[www.lisbonvenues.pt/](http://www.lisbonvenues.pt/)  
[centro-decongressos-de-lisboa/](http://centro-decongressos-de-lisboa/)

## CME

The “ESGAR European Society of Gastrointestinal and Abdominal Radiology” (or “ESGAR 2022 – 33<sup>rd</sup> ANNUAL MEETING AND POSTGRADUATE COURSE”) is accredited by the European Accreditation Council for Continuing Medical Education (EACCME) to provide the following CME activity for medical specialists. The EACCME is an institution of the European Union of Medical Specialists (UEMS), [www.uems.net](http://www.uems.net).

The 33<sup>rd</sup> Annual Meeting and Postgraduate Course ESGAR 2022, Lisbon, Portugal, 31/05/2022 – 03/06/2022 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **26 European CME credits** (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.

## CONTRIBUTING SOCIETIES



European Society of  
Urogenital Radiology



Society of  
Abdominal  
Radiology

## SUPPORT



**ESGAR EXECUTIVE COMMITTEE****PRESIDENT**

Andrea Laghi, Rome/IT

**PRESIDENT-ELECT**

Marc Zins, Paris/FR

**VICE PRESIDENT**

Jaap Stoker, Amsterdam/NL

**SECRETARY/TREASURER**

Valerie Vilgrain, Clichy/FR

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**MEMBERSHIP AND COMMUNICATION  
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**RESEARCH COMMITTEE CHAIR**

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Luis Curvo-Semedo, Coimbra/PT

**MEETING PRESIDENT 2023**

Asunción Torregrosa Andrés, Valencia/ES

**MEETING PRESIDENT 2024**

Lennart Blomqvist, Stockholm/SE

**MEMBERS AT LARGE**

Sofia Gourtsoyianni, Athens/GR

Musturay Karçaaltincaba, Ankara/TR

Nikolaos Kartalis, Stockholm/SE

Maija Radzina, Riga/LV

Damian Tolan, Leeds/UK

**ESGAR EXECUTIVE DIRECTOR**

Brigitte Lindlbauer, Vienna/AT

**ESGAR 2022 MEETING  
PRESIDENT**

Luís Curvo-Semedo  
Faculty of Medicine, University of Coimbra  
Department of Medical Imaging  
Coimbra University Hospitals  
CIBIT – Coimbra Institute for Biomedical  
Imaging and Translational Research  
Coimbra, Portugal

**ESGAR 2022 PROGRAMME  
COMMITTEE****CHAIRMAN**

Jaap Stoker, Amsterdam/NL

**MEMBERS**

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Giuseppe Brancatelli, Palermo/IT  
Luis Curvo-Semedo, Coimbra/PT  
Sofia Gourtsoyianni, Athens/GR  
Musturay Karçaaltincaba, Ankara/TR  
Nikolaos Kartalis, Stockholm/SE  
Andrea Laghi, Rome/IT  
Maija Radzina, Riga/LV  
Stuart A. Taylor, London/UK  
Damian Tolan, Leeds/UK  
Asunción Torregrosa Andrés, Valencia/ES  
Valerie Vilgrain, Clichy/FR  
Christoph J. Zech, Basel/CH  
Marc Zins, Paris/FR

**ESGAR 2022 LOCAL  
ORGANISING COMMITTEE**

Jorge Brito, Faro/PT  
Filipe Caseiro Alves, Coimbra/PT  
Luísa Costa Andrade, Lisbon/PT  
Manuela França, Porto/PT  
Luís Guimarães, Porto/PT  
António J. Madureira, Porto/PT  
Celso Matos, Lisbon/PT  
Miguel Ramalho, Almada/PT  
Daniel Ramos Andrade, Coimbra/PT  
Inês Santiago, Lisbon/PT  
José Traila Campos, Viana do Castelo/PT  
José Venâncio, Lisbon/PT

# INFORMATION FROM A – Z

## ABBREVIATIONS

The following abbreviations are used in the programme:

|     |                      |
|-----|----------------------|
| ES  | Editorial Session    |
| ET  | ESGAR Tutorial       |
| HL  | Honorary Lecture     |
| IGT | Image Guided Therapy |
| LS  | Lecture Session      |
| PG  | Postgraduate Course  |
| PS  | Plenary Session      |
| RT  | Research Tutorial    |
| SOE | School of ESGAR      |
| SS  | Scientific Session   |
| SY  | Industry Symposium   |
| TC  | Tricky Cases         |
| USV | Ultrasound Village   |

## BADGES

It is obligatory for all participants to wear their name badge visibly throughout the meeting as it is the entrance ticket to all sessions and the exhibition. The name badge is not transferable. In case of badge loss, please contact the registration desk (Level 1). ESGAR reserves the right to check your identification. You may be asked at any time to present adequate proof of identity by showing your passport, driver's licence, national or military identification or student ID, all with photograph and signature.

## BOOK OF ABSTRACTS

The ESGAR 2022 Book of Abstracts includes submitted and accepted oral presentations and is only available online. It can be viewed and downloaded via the ESGAR 2022 online Portal.

## CASES OF THE DAY

Scientific Coordinator: C. Reiner, Zurich/CH

Different cases will be displayed each day from Tuesday, May 31 to Friday, June 3, giving registrants the opportunity to take part in the quiz and check the results on the following day. The participant who solves the most cases correctly will be announced in the ESGAR Newsletter. The cases are accessible via the computer terminals located in the Electronic Poster Exhibition (Exhibition Area) as well as online.

## CLINICAL FILES

Thursday, June 2 in Auditorium I (17:00 – 18:00)

An experienced moderator will present four themed and challenging multimodality cases to a radiology panel. Each case will be chosen to illustrate various diagnostic and therapeutic options available for the clinical management of the patient. The interpretation session will be live, as the panellists will not see the cases before the session. The panellists will describe the imaging findings. The moderator will guide the panellists with questions regarding differentials and patient management. The aim of this session is to stress the central role of clinical radiology in today's patient management and to show how experts deal with cases in real life.

## CLOAKROOM

The coat check service is located on the right-hand side in the Entrance Level Foyer.

## CME ACCREDITATION & EVALUATION

ESGAR uses a digital CME acquisition system in order to provide more flexibility to delegates in regard to evaluating sessions and obtaining CME credits.

### CME acquisition & Evaluation is possible via

- the ESGAR 2022 online Platform
- the Evaluation Terminals (in the Exhibition Area)

### CME credits will only be awarded if

- You have attended accredited sessions onsite or online in full length
- You have fully completed the electronic questionnaire for each session attended and for the overall meeting

Please note that the evaluation of sessions is only possible from May 31 – September 3, 2022. Confirmation of attendance and record of attendance cannot be claimed at a later date as late requests cannot be processed.

## Guidance

Confirmation of attendance and record of attendance for CME provider may be obtained as follows:

### Scientific / Educational Sessions

1. Participate in the session of your interest
2. Log into the ESGAR 2022 online platform
3. Add the sessions you attended and wish to evaluate to your credit cart
4. Fill out the form completely after the session
5. Fill out the form for the overall meeting

Please use the Evaluation Terminals or use your own device to evaluate the session(s) you visited.

### Record of Attendance for CME Provider/ Confirmation of Attendance

You can download and print the record of attendance for CME provider and the confirmation of attendance from the ESGAR 2022 online platform.

This service will be available until September 3, 2022. The printout of your record of attendance has to be submitted to the respective national accreditation society. Please note that the record of attendance is issued only to the participant. It will not be supplied to any accreditation agency or other organisation/health authority. Although participants may partially attend multiple concurrent sessions, the total number of hours printed at the end of the list limits the credit to the equivalent of a single session during that time slot.



### COFFEE CASH BARS

Within the congress centre the main catering area can be found in the Auditorium Foyer.

#### Opening hours:

|                   |               |
|-------------------|---------------|
| Tuesday, May 31   | 08:00 – 17:00 |
| Wednesday, June 1 | 08:00 – 17:00 |
| Thursday, June 2  | 08:00 – 17:00 |
| Friday, June 3    | 08:00 – 16:00 |

Complimentary coffee will be available in the Exhibition Area at the following times:

|                   |                               |
|-------------------|-------------------------------|
| Tuesday, May 31   | 10:00 – 10:30 / 15:30 – 16:00 |
| Wednesday, June 1 | 10:30 – 11:00 / 16:00 – 16:30 |
| Thursday, June 2  | 10:30 – 11:00 / 16:00 – 16:30 |
| Friday, June 3    | 10:30 – 11:00 / 13:30 – 14:00 |

### EDITORIAL SESSION

Wednesday, June 1 in Auditorium VIII (11:00 – 12:30)

This session aims at introducing the Editorial world. Chief Editors of peer reviewed scientific journals will provide insights into different types of educational papers and their level of evidence. Different impact factors and manuscript review handling processes will be explained. The session will conclude with an interactive discussion among editors and research leaders; attendees are encouraged to actively participate and ask questions they always wanted to ask the editors.

# INFORMATION FROM A – Z

## **ELECTRONIC POSTER EXHIBITION**

Exhibition Area (Level 1)

All scientific and educational exhibits (posters) at ESGAR 2022 are displayed in electronic poster format. The poster system allows registrants to submit their exhibits online, to view them in the conference centre and online on the ESGAR 2022 online platform. The scientific and educational posters displayed at ESGAR 2022 in the electronic poster exhibition will be included in the permanent ESGAR Online Poster Database after the meeting. A number of computer terminals are available for viewing the presentations.

Please refer to pages 45 – 56 of this programme for a complete listing of presented posters sorted by topic.

### **Opening hours:**

|                   |               |
|-------------------|---------------|
| Tuesday, May 31   | 07:30 – 18:00 |
| Wednesday, June 1 | 07:30 – 18:00 |
| Thursday, June 2  | 07:30 – 18:00 |
| Friday, June 3    | 07:30 – 14:00 |

### **Poster Presentation Prizes**

The evaluation of the poster presentations was completed in advance of the meeting by a jury and was based on novelty, accuracy, educational value and design. The winners are indicated as such in the electronic poster system. The 11 best poster presentations will receive a diploma which can be collected at the Scientific Office. The following prizes are awarded: Magna Cum Laude, Cum Laude and Certificates of Merit.



Furthermore, the Board of Achievement with pictures of all poster prize winners is displayed online. There are also the "Recommended Posters", which were not selected for an award but are recommended by the jury for their interesting and valuable scientific educational content. All posters are also displayed on special electronic poster terminals located in the Exhibition Area.

### **EMERGENCY**

The number 112 can be dialled to reach emergency services – medical, fire and police – from anywhere in Europe. The operator redirects the call to the appropriate service. This Pan-European emergency number can be called from any telephone (landline, pay phone or mobile phone) and is free of charge.

## **ESGAR TOP 20**

The best 20 abstracts, submitted by residents, who appear as the first author on the respective abstract and who actually present their paper during the meeting, form the "ESGAR Top 20". Authors receive a diploma, which can be collected at the Scientific Office. Furthermore, the Board of Achievement with pictures of all awarded presenters is displayed online.



## **ESGAR TUTORIALS**

Throughout ESGAR 2022, different tutorials will be offered to the registrants. Compared to a formal lecture, the smaller tutorial environment is intended to facilitate more active discussion between expert instructors and the audience, allowing registrants to address their specific needs.

## **HONORARY LECTURES**

ESGAR continues the traditional format of the Honorary Lecture Sessions. Besides the ESGAR Honorary Lecture, one session is organised in collaboration with the Society of Abdominal Radiology (SAR).

## **IMAGE GUIDED THERAPY**

An educational feature focusing on Interventional Radiology (IR) in the GI tract and Abdomen was first introduced during the ESGAR 2009 Annual Meeting. Since then, it was expanded at subsequent meetings in order to reflect the central role interventional techniques play in the multidisciplinary management of patients with gastrointestinal and abdominal diseases. The daily IGT sessions will be led by experts in the field, emphasising key practical issues, ranging from basic to advanced knowledge and skills with a special focus on knowledge useful for abdominal radiologists working in diagnostic radiology. As in all ESGAR formats, interactivity will be encouraged between delegates and faculty in order to facilitate useful practical discussions. This includes case discussions led by the moderators, including all speakers. We believe that this particular format will help to augment the various practical aspects and procedural tips and tricks and encourage the audience to interact with IR experts in this learning environment.



## **INDUSTRY SYMPOSIA**

From Tuesday to Friday at lunchtime, symposia will be held in collaboration with industrial companies and corporate partners. The subjects of these symposia will include a variety of "hot topics" concerning the ongoing development in some major fields of abdominal diagnostic and interventional radiology. Your name badge is your business card. ESGAR and its sponsors are using a lead retrieval system during the congress. In practice that means that when you present your badge for scanning at an exhibition booth or for scanning when entering an industry sponsored lunch symposium, the following personal data can be retrieved: first name, last name, address details, email address.

## **INFORMATION DESK**

At ESGAR 2022, we're offering an information and travel desk. Here you can get information about the city of Lisbon, recommendations for shopping as well as restaurants and the best places to have a drink.

### **Opening hours:**

|                   |               |
|-------------------|---------------|
| Tuesday, May 31   | 07:30 – 18:00 |
| Wednesday, June 1 | 08:00 – 18:00 |
| Thursday, June 2  | 08:00 – 18:00 |
| Friday, June 3    | 08:00 – 15:30 |

## **INTERNET ACCESS**

Free wireless LAN access is available throughout the congress venue and all lecture rooms free of charge.

## **LANGUAGE**

The entire meeting is held in English.

## **LECTURE HALLS**

Auditorium I, Auditorium II, Auditorium III, Auditorium VI, Auditorium VIII, Room 5A, Room 5C

## **LECTURE SESSIONS**

All Lecture Sessions are dedicated to a special area of interest with defined lecture objectives to ensure integration and avoid overlap. Several sessions have a multidisciplinary approach or are organised in collaboration with other societies such as the European Society of Urogenital Radiology (ESUR).

## **LIABILITY**

ESGAR is not liable for personal injury and loss of or damage to private property. Participants should obtain the appropriate travel insurance. The place of performance of any duties and obligations for both ESGAR and the participant's sides shall be Vienna, Austria. Any contractual relationship with ESGAR shall be subject to Austrian law.

## **LOST AND FOUND**

Lost and found articles may be picked up or handed in at the registration desk.

## **MODERATORS DESK**

Moderators are kindly asked to check in at the moderators' desk in the ESGAR Scientific Office at least 30 minutes before the session they are chairing, in order to pick up their documents.

## **NICK GOURTISOYIANNIS' FOUNDATION COURSE I and II**

Friday, June 3 in Auditorium I

Foundation Course 1 (14:00 – 15:00):

Radiologic-pathologic correlation: Pancreas

Foundation Course 2 (15:00 – 16:00):

Radiologic-pathologic correlation: GI tumours

This educational feature, named after Prof. N. Gourtsoyiannis, is a mini rad-path course designed to teach fundamental imaging findings in specific abdominal conditions correlated with up-to-date pathologic information. The specific topics to be discussed in this year's rad-path course are the pancreas (pancreatic cystic tumours and non-adenocarcinoma pancreatic solid tumours) and GI tumours (non-adenocarcinoma gastric cancer and non-epithelial bowel tumours).

# INFORMATION FROM A – Z

## ONE CASE – THREE LESSONS

Wednesday, June 1 in Auditorium I (16:45 – 18:00)

Returning by popular demand for a third year, we continue with the format called “One case – three lessons”. Is reflection an important part of your practice? In this session each panellist explains a clinical case where they personally made a mistake and then develop the three lessons that they learned from this. The goal of this format is to learn how experts reflect on their own errors to avoid making important mistakes in the diagnosis of difficult cases in the future. A broad range of diseases, modalities and clinical situations will be presented, and the moderators will bring together shared themes during discussion amongst the experts. The session will be managed like a Jazz session, entertaining and educating with improvisation, humour and rhythm.

## PHOTOGRAPHY

Please be aware that the Annual Meeting and Postgraduate Course is an event where photography will occur. By participating in the event you consent to your likeness being used, without compensation, in any and all media. If you do not wish to be included in a photograph please let the respective photographer know.

## POSTGRADUATE COURSE

Tuesday, May 31 in Auditorium I

Bowel imaging in the spotlight: from diagnosis to patient management

At ESGAR 2022, a Postgraduate Course entitled “Bowel imaging in the spotlight: from diagnosis to patient management” is offered on the first day of the meeting. In four sessions the topics of Crohn’s disease, ischemic bowel disease, postoperative GI tract and rectal cancer are addressed. Each session deals with the respective imaging diagnosis and challenges and also focuses on the appropriate multidisciplinary management of patients. A 45-minute case-based discussion at the end of each Postgraduate Course session exemplifies the topic and enhances the learning experience.

## PREVIEW CENTRE

Speakers are reminded to check in no later than 90 minutes before the beginning of their session. For ESGAR Tutorials taking place in the early morning please check in the day before. Only data projection will be provided for oral presentations. Presentations must be prepared using PowerPoint for PC. Speakers must deliver their presentation to the Preview Centre on a USB memory stick (ZIP disks are not accepted). The size of one presentation should not exceed 500 MB. Presenters have the opportunity to test their presentations directly in the Preview Centre which is strongly recommended. Due to space and time limits it is not possible to prepare and rehearse your complete presentation.

### Opening hours:

|                   |               |
|-------------------|---------------|
| Tuesday, May 31   | 07:30 – 18:00 |
| Wednesday, June 1 | 07:30 – 18:00 |
| Thursday, June 2  | 07:30 – 18:00 |
| Friday, June 3    | 07:30 – 14:30 |

## REGISTRATION

### Opening hours:

|                   |               |
|-------------------|---------------|
| Monday, May 30    | 15:00 – 18:00 |
| Tuesday, May 31   | 07:30 – 19:30 |
| Wednesday, June 1 | 07:30 – 18:30 |
| Thursday, June 2  | 07:30 – 18:00 |
| Friday, June 3    | 07:30 – 15:30 |

### Onsite Fees:

|                                            |           |
|--------------------------------------------|-----------|
| ESGAR Faculty Member                       | € 490.00  |
| ESGAR Member                               | € 790.00  |
| Non Member                                 | € 990.00  |
| Resident* (ESGAR Member)                   | € 450.00  |
| Resident* (Non Member)                     | € 550.00  |
| Radiographer/Technician/Nurse (Member)     | € 450.00  |
| Radiographer/Technician/Nurse (Non Member) | € 550.00  |
| Medical student**                          | € 90.00   |
| Industry Delegate                          | € 1090.00 |

\* Residents and radiographers must provide a letter from their head of department confirming their status as a resident or radiographer to register for this fee. The age limit for registrations as resident is 35 (incl. the age of 35).

\*\* Medical students under the age of 30 without academic title can register for this fee. Please provide a student proof (student ID or letter of university).

### The registration fee includes:

- Admittance to all sessions (onsite or online), scientific exhibition (ESGAR Posters), technical exhibition
- Access to all on-demand content (recorded, previously live streamed sessions, poster exhibition, case discussions)
- Final Programme (in print) and Book of abstracts (online version)
- Confirmation of Attendance
- Record of Attendance for CME Provider
- On-demand content accessible until September 3, 2022

All prices are listed in Euro (€). The “ESGAR Member” registration fee is only applicable for members in good standing – the membership fee for 2022 has to be settled. Onsite membership applications cannot be accepted.

Onsite Fees must be paid by credit card (VISA or MasterCard).

## RESEARCH TUTORIALS

Wednesday, June 1 – Friday, June 3 (12:45 – 13:45)

Have you begun your academic career and want to know how to advance to become a leader in research? It is much more than publishing papers, grant funding etc. In these research tutorials major aspects of abdominal imaging research will be discussed by leading ESGAR researchers.

### SCHOOL OF ESGAR

Scientific Coordinators: R. Cannella, Palermo/IT; K. De Paepe, Cambridge/UK; C. Reiner, Zurich/CH

This is an educational pathway within the ESGAR Annual Meeting which includes a selection of the most important topics of abdominal radiology following the chapters of the European Training Curriculum and the corresponding learning objectives. This pathway will cover the most fundamental and important clinical aspects of abdominal imaging and an in-depth discussion of a selection of important common and less common diseases. The School of ESGAR will be open from Wednesday, June 1 to Friday, June 3, 2022.

### SCIENTIFIC SESSIONS

Wednesday, June 1 – Friday, June 3

Researchers will present original papers on new and original aspects of abdominal imaging and intervention. Selected papers will be gathered into sessions, each dealing with a homogenous topic. Time for discussion between researchers and attendees will be available after each presentation.

### SMOKING

Smoking is not permitted inside the conference venue.

### SOCIAL MEDIA

The official congress hashtag for Twitter and Facebook is #esgar2022.



# INFORMATION FROM A – Z

## TECHNICAL EXHIBITION

Exhibition Area

For a complete list of exhibitors and a floorplan of the exhibition area, please refer to pages 72 – 73.

### Opening hours:

|                   |               |
|-------------------|---------------|
| Tuesday, May 31   | 09:30 – 18:00 |
| Wednesday, June 1 | 09:30 – 17:00 |
| Thursday, June 2  | 09:30 – 17:00 |
| Friday, June 3    | 09:30 – 14:00 |

## TRICKY CASES FROM MY DAY JOB

Coordinators: M. Laniado, Dresden/DE; R. Cannella, Palermo/IT; K. De Paepe, Cambridge/UK; C. Reiner, Zurich/CH  
Wednesday, June 1 and Thursday, June 2, 12:45 – 13:30,  
Auditorium II

This session format on Wednesday, June 1 and Thursday, June 2, involves brief case presentation and interactive discussion of challenging cases from everyday clinical practice.

## ULTRASOUND VILLAGE

Wednesday, June 1 – Friday, June 3, Room 5C  
Scientific Coordinators: J.B.C.M. Puylaert, The Hague/NL;  
M. Ramalho, Almada/PT

At ESGAR 2022, the modality of ultrasound will be one of the highlighted topics. Throughout the meeting, sessions, tutorials and key-note lectures will encompass basic technical aspects as well as innovations in abdominal ultrasound, as contrast enhanced ultrasound and new techniques such as elastography, fusion imaging and 3D. However, there will also be ample attention for the clinical triage-function of ultrasound as a primary tool, workhorse and starting point in any abdominal problem.

## YOUNG ESGAR LOUNGE

Young ESGAR (YE) is a forum of enthusiastic young ESGAR members to represent the interests of residents, young radiologists and researchers within the ESGAR community. The Young ESGAR lounge is located in Room 1.05 on Level 1, next to the ESGAR Scientific Office.

### Opening hours:

|                   |                                              |
|-------------------|----------------------------------------------|
| Tuesday, May 31   | 10:00 – 10:30, 12:30 – 13:30 & 15:30 – 16:00 |
| Wednesday, June 1 | 10:30 – 11:00, 13:30 – 14:30 & 16:00 – 16:30 |
| Thursday, June 2  | 10:30 – 11:00, 13:30 – 14:30 & 16:00 – 16:30 |
| Friday, June 3    | 10:30 – 11:00                                |

## ABSTRACT REVIEWING PANEL / E-POSTER JURY

O. Akhan, Ankara/TR  
T.V. Bartolotta, Palermo/IT  
A. Ba-Ssalamah, Vienna/AT  
N. Bastati-Huber, Vienna/AT  
R.G.H. Beets-Tan, Amsterdam/NL  
E. Biscaldi, Genoa/IT  
A. Blachar, Tel Aviv/IL  
L. Blomqvist, Stockholm/SE  
I. Boulay Coletta, Paris/FR  
G. Brancatelli, Palermo/IT  
R. Cannella, Palermo/IT  
F. Caseiro Alves, Coimbra/PT  
K. Cortis, Msida/MT  
L. Crocetti, Pisa/IT  
L. Curvo-Semedo, Coimbra/PT  
G. D'Assignies, La Roche-sur-Yon/FR  
M. Dioguardi Burgio, Villejuif/FR  
A. Dohan, Paris/FR  
R.F. Dondelinger, Liège/BE  
M. D'Onofrio, Verona/IT  
H. Fenlon, Dublin/IE  
A. Furlan, Pittsburgh, PA/US  
Y. Gandon, Rennes/FR  
V. Goh, London/UK  
M. Gollub, New York, NY/US  
S. Gourtsoyianni, Athens/GR  
J.A. Guthrie, Leeds/UK  
T. Helmberger, Munich/DE  
F. Iafrate, Rome/IT  
D. Ippolito, Monza/IT  
S. Jackson, Plymouth/UK  
M. Karçaaltincaba, Ankara/TR  
A. Laghi, Rome/IT  
D. Lambregts, Amsterdam/NL  
M. Laniado, Dresden/DE  
J.M. Lee, Seoul/KR  
O. Lucidarme, Paris/FR  
M. Maas, Amsterdam/NL  
A.J. Madureira, Porto/PT  
M. Maher, Cork/IE  
T. Mang, Vienna/AT  
L. Martí-Bonmatí, Valencia/ES  
C. Matos, Lisbon/PT  
Y. Menu, Paris/FR  
G. Morana, Treviso/IT  
S. Mulé, Créteil/FR  
E. Neri, Pisa/IT  
P. Paolantonio, Rome/IT  
N. Papanikolaou, Lisbon/PT  
S. Pötter-Lang, Vienna/AT  
R. Pozzi Mucelli, Verona/IT  
P. Prassopoulos, Thessaloniki/GR  
M. Ronot, Clichy/FR  
W. Schima, Vienna/AT  
S. Schmidt Kobbe, Lausanne/CH  
A. Schreyer, Regensburg/DE  
O. Seror, Bondy/FR  
S. Skehan, Dublin/IE  
M. Staunton, Cork/IE  
S. Stojanovic, Novi Sad/RS  
J. Stoker, Amsterdam/NL  
C. Stroszczynski, Regensburg/DE  
A. Taibbi, Palermo/IT  
B. Taouli, New York, NY/US  
J.-P. Tasu, Poitiers/FR  
S.A. Taylor, London/UK  
D. Tolan, Leeds/UK  
C. Triantopoulou, Athens/GR  
V. Valek, Brno-Bohunice/CZ  
F. Vernuccio, Padua/IT  
V. Vilgrain, Clichy/FR  
M.-P. Vullierme, Clichy/FR  
M. Wagner, Paris/FR  
G. Zamboni, Verona/IT  
C.J. Zech, Basel/CH  
M. Zins, Paris/FR

# WELCOME



Dear ESGAR members,  
Dear Friends,

It is difficult to find the right and non-trivial words at the same time to welcome you at the ESGAR annual meeting in Lisbon. Thirty-three editions of our meeting have been organized and you have read already numerous presidential welcome addresses. This time, however, after two years of pandemic and online meetings, it is much easier. I just need to say that we are very happy, the entire ESGAR staff and myself, to meet each other in presence again and to inform you that the maximum effort has been made by everyone, the president of the congress first, to offer you a special meeting, in terms of content and layout. But this is not the easy welcome address you obviously expect since I want to take the opportunity to share with you some personal ideas.

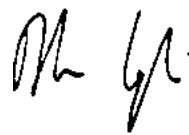
Indeed, I intend to offer you a reflection on the nature of scientific societies and medical congresses, which, despite what has been said, has been completely lost in its online transposition. A scientific society, with the annual congress, as its natural appendix, is a community of people interested in the same or in related disciplines, who exchange their knowledge equally, making it freely available for everybody, with the common goal represented by the progress of science and scientific education. In other words, it is a matter of an intense exchange of relationships, not of connections. The relationship is a two-way exchange, which involves empathy between the two parts, while the connection is only a transfer of information. Empathy can be found in direct meetings, in physical contact (the handshake,

the hug), in live listening, in the interaction in the room and, why not, during coffee breaks and dinners. The online congress is the negation of all this: it is a congress of connections, aseptic, mediated by an electronic device, sometimes even on a delayed basis. It is a congress that completely loses the creative, relational, networking thrust between colleagues, very often even friends.

It is for these deeper reasons that I am happy to welcome you to Lisbon and to meet you numerous again. Because whoever has chosen to come in attendance is a person who recognizes the value of relationships, and not of connections, who loves real life, and not (only) digital media, who is proud to belong to a society of GI radiologists which makes its best to serve its community in the proper way and who knows that you can find many online lessons on the most varied topics in abdominal and gastrointestinal radiology, but there is only one live congress like ESGAR!

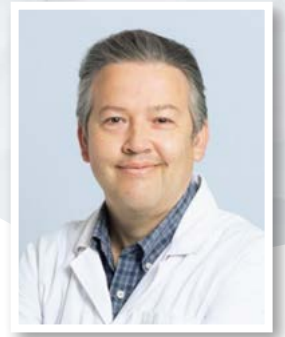
I wish you all the best for the next four days.

Enjoy the meeting, enjoy Lisbon,



Andrea Laghi  
ESGAR President

# WELCOME



*"Everything is worthwhile if the soul is not small."*

Fernando Pessoa

Dear Colleagues,  
Dear Friends,

The more I read out these words from the great Portuguese poet, the more I find a parallel with the immediate past, the present and the future of ESGAR.

In the past months, we witnessed the big soul (and heart) of ESGAR as the Society continued to provide education and science in the form of online workshops and meetings, interacting with clinical partners, to reach territories outside Europe becoming a truly worldwide society, to enhance the role of research in modern-day abdominal radiology and to invest in the future of the society by engaging young(er) members through Young ESGAR.

One of the Society's highlights, the Annual Meeting, was held virtually in 2020 and 2021, yet superbly fulfilling our souls in need of meeting colleagues and friends. All the efforts put into these activities were worthwhile albeit cumbersome, again because the soul of ESGAR is everything but little: the society could thrive even under quite challenging circumstances.

I address you as President of this year's Annual Meeting and am more than pleased that we get the chance to meet again, face to face, in the worldwide-leading congress on abdominal and gastrointestinal radiology.

In Lisbon, a city with a very distinctive soul, I hope you will have the opportunity to take some extra time after the sessions and that it will be worthwhile to enjoy the nice and usually sunny weather; to take a walk by the riverside at sunset, or to experience it at one of the nearby beaches, feeling the smooth and white

sand underneath your feet and the sea breeze in your nostrils; to visit the fascinating monuments and museums in Belém and the city centre; to taste the good food paired with a glass of flavourous Portuguese wine...

But above all, I am certain it will be worthwhile to join the Annual Meeting of ESGAR! The Scientific Programme will offer a very attractive Postgraduate Course, placing imaging of the bowel in the spotlight; the outstanding programme includes an extensive choice of lecture sessions, image-guided therapy sessions, tutorials, School of ESGAR sessions and several plenary sessions, including the Foundation Course; it also includes diverse scientific and poster sessions, as well as the Ultrasound Village. Globally, the Programme Committee built a remarkable and eclectic selection of scientific and educational sessions that will be worth attending.

So, I am looking forward to host you next year in Portugal for the 33<sup>rd</sup> Annual Meeting of our Society, while meeting and greeting friends and colleagues who share the soul of ESGAR. It shall be worthwhile!

Best wishes,

Luís Curvo-Semedo  
Meeting President

## HONORARY FELLOW

### **CHRISTOPH D. BECKER** **GENEVA/CH**



Christoph D. Becker accomplished his undergraduate medical studies and his postgraduate training in radiology at the University Hospital of Berne, Switzerland. After an elective year in visceral surgery, he completed a two-year clinical fellowship in abdominal interventional radiology at the University of British Columbia in Vancouver, Canada. After returning to Berne he became staff radiologist at the University Hospital and earned his academic degree as Assistant Professor. In 1994, he was appointed to the University Hospital of Geneva where he developed abdominal intervention and imaging, introducing innovations such as percutaneous biliary stenting, percutaneous tumour ablation and noninvasive magnetic resonance cholangiography. Having been nominated associate professor and vice chair of the radiology division in 2000, he has chaired the division since 2004. As a full professor of radiology he also became chairman of the hospital department of imaging and medical information sciences as well as director of the university department of radiology. During his chairmanship, a modern and fully digital academic department was developed, including subspecialty divisions in major clinical areas and with a strong multidisciplinary activity. After completion of his academic term, he was nominated honorary professor by the faculty of medicine of Geneva university in 2019.

On a national level, he served on the board of the Swiss Society of Radiology in many functions and positions, including society president from 2000-2002. Meanwhile, he was awarded honorary membership of the Swiss Society of Radiology. Today, he serves the society for medicolegal expert services and was elected member of the board of the Swiss federal commission for radiation protection.

On an international level, he has served in several scientific societies, including the executive board of ESGAR and as meeting president of ESGAR 2004 in Geneva. As a fellow of CIRSE, he also served in several committees, chaired the local organising committee of CIRSE 2001 in Lucerne and obtained the European board of interventional radiology (EBIR). In the European Society of Radiology he has been appointed to the ESR Executive Council and continues to serve on the ESR e-health and informatics subcommittee.

As an academic teacher, he has been responsible for the pre- and postgraduate training programmes at his University. He has organised many international postgraduate courses including those of ESGAR, CIRSE, ECR, and ESOR and has been nominated as corresponding member of the Collège des Enseignants en Radiologie de France-CERF.

As primary investigator he has led multiple research projects on diagnostic and interventional radiology funded by the Swiss National research foundation and by the European Union. His academic record includes over 200 scientific publications in the field of diagnostic and interventional radiology. He has served on the editorial and review boards of several scientific journals in radiology and has been awarded the editor's recognition award by the journal "Radiology".

In recognition of his outstanding contribution to gastrointestinal and abdominal radiology in general and ESGAR in particular, Christoph D. Becker is awarded Honorary Fellowship of the European Society of Gastrointestinal and Abdominal Radiology.



## GOLD MEDAL

### CELSO MATOS LISBON/PT



Celso Matos studied medicine at the Medical School of the University of Brussels, Belgium and obtained his Medical Degree Magna Cum Laude in 1980. After a three-year fellowship in Internal Medicine at Brugmann and Erasme University Hospitals in Brussels he started his fellowship in Radiology at the department of Radiology at Erasme University Hospital in 1983.

As a board-certified radiologist, he joined the faculty in this department and led the MR imaging division since 1990. He became Professor of Clinical Radiology in 2001 at Erasme University Hospital where he made outstanding contributions to the field of pancreatic imaging, developing novel and seminal research especially on MR functional imaging. Celso Matos was the creator and mentor of well-recognised dedicated educational and research programmes of abdominal fellowship, receiving applicants from all over the world, being considered one of the best mentors and leaders of abdominal imaging sub-specialization.

In late 2015 Celso Matos moved to Lisbon to start his current position as Head of the Imaging Department and as co-Director of Champalimaud Research at the Champalimaud Foundation having an instrumental role for the definition of the scientific strategy, especially in the fields of imaging biomarkers and artificial intelligence.

Internationally, Celso Matos is a Fellow of ESGAR (European Society for Abdominal and Gastrointestinal Radiology) and has been its President in 2015-2017. For many years, he has been contributing as distinguished member of many scientific

committees, to the imaging programme of several international postgraduate meetings especially ESGAR, ESOR and ECR and regularly co-organises many well-known radiological-clinical educational events. On a national level, he has been awarded the honorary membership of the Portuguese Society of Radiology and is a regular contributor to its postgraduate educational programmes.

Celso Matos' main areas of clinical and research interest are abdominal and oncologic imaging. His main focus is multidisciplinary research in pancreatic diseases and related disorders, and validation of Imaging Biomarkers for prediction of response to cancer treatment.

Celso Matos has (co) authored over 100 peer-reviewed articles and authored over 10 book chapters. He has been part of the Abdominal Section of the European Radiology Editorial Board and has been appointed Associate Editor of Radiology in November 2016. He acts as peer-reviewer for, among other journals, Radiology (awarded 5 times as distinguished reviewer), European Radiology, Insights Into imaging, AJR, and Gut. Celso Matos has delivered over 300 invited lectures in radiological and clinical society meetings around the world. He received the European School of Radiology Best Teacher Award in 2014.

In recognition of his outstanding contribution to gastrointestinal and abdominal radiology at large and to ESGAR in particular, Celso Matos is awarded the Gold Medal of the European Society of Gastrointestinal and Abdominal Radiology.

# PROGRAMME

**PLEASE NOTE THAT SESSIONS ARE MARKED WITH A LOGO TO INDICATE THEIR CLASSIFICATION ACCORDING TO THE EUROPEAN TRAINING CURRICULUM.**



First three years of training



Fourth and fifth year of training  
(general radiologist standard)



Subspecialty training standard

The European Training Curriculum has been published by the ESR, the European Society of Radiology and can be found on the ESR website [www.myESR.org](http://www.myESR.org) under "Education". This document is fully supported by ESGAR. The classification of ESGAR 2022 sessions according to training levels simply indicate that the session includes content of a certain training level according to the European Training Curriculum. All sessions, regardless of the indicated level, are open for all participants and equally recommended whether the participant is in training, board-certified radiologist or sub-specialist.

# OPENING CEREMONY & CONCERT

## TUESDAY, MAY 31

17:45 – 19:15, Auditorium I

### 17:45 Welcome addresses

A. Laghi, Rome/IT (ESGAR President)  
L. Curvo-Semedo, Coimbra/PT (Meeting President)

### 17:55 Musical Opening CORDIS piano & Portuguese guitar

"Reflexo", Paulo Figueiredo, Bruno Costa  
"Vaguear", Paulo Figueiredo  
"Ladeira dos castanheiros", Bruno Costa

### 18:05 Honorary Fellowship and Gold Medal Awards

C.D. Becker, Geneva/CH  
C. Matos, Lisbon/PT

### 18:20 Music Interlude CORDIS piano & Portuguese guitar

"Calmaria dos dias", Bruno Costa  
"Coimbra Iluminada", Paulo Figueiredo  
"Correria", Paulo Figueiredo

### 18:30 ESGAR Honorary Lecture

Oesophageal cancer: making the most of imaging  
V. Goh, London/UK

### 19:00 Musical Conclusion CORDIS piano & Portuguese guitar

"Tardes da Prainha", Bruno Costa  
"Desencontros", Paulo Figueiredo  
"Valsa de um sentido momento", Bruno Costa  
"Variações em Lá m", Artur Paredes

### **CORDIS piano & Portuguese guitar**

Paulo Figueiredo's Piano and Bruno Costa's Portuguese Guitar merge with passion and intensity in a novel aesthetic approach, revealing unknown facets of some of the classical Coimbra Guitar pieces. Both instruments fuse in a constant dialogue of strings, meandering and exploring the harmonic and rhythmic exuberance of the works of celebrated composers. With notable skill, their essence is melodically laboured into new and all-embracing revelations.

From the heart.

With our soul.

For the spirit.

# HONORARY LECTURES

**Tuesday, May 31**

**18:30 – 19:00 / ESGAR Honorary Lecture**

**HL 1**

**Auditorium I**

Moderator: A. Laghi, Rome/IT

**Oesophageal cancer: making the most of imaging**

V. Goh, London/UK

**Thursday, June 2**

**16:30 – 17:00 / SAR Honorary Lecture**

**HL 3**

**Auditorium I**

Moderator: A. Laghi, Rome/IT

**Imaging evaluation before surgical resection**

K.M. Elsayes, Houston, TX/US

# PLENARY SESSIONS

**Wednesday, June 1**

**16:30 – 16:45**

**PS 1a**

**Auditorium I**

**Awards Ceremony**

Moderator: A. Laghi, Rome/IT

**European Radiology Awards**

Y. Menu, Paris/FR

**Insights into Imaging Award**

L. Martí-Bonmatí, Valencia/ES

**Wednesday, June 1**

**16:45 – 18:00**

**PS 2**

**Auditorium I**

**One case – Three lessons: reflecting on my error**

Moderators: M. Morrin, Dublin/IE; D. Tolan, Leeds/UK

**Opening up: making the first steps in my department**

M. França, Porto/PT

**Does leading from the front just mean a long way to fall?**

A. Brady, Cork/IE

**Panellists:**

M. Zins, Paris/FR

I. Zealley, Dundee/UK

F. Labruto, Sydney, NSW/AU

C. Ewertsen, Copenhagen/DK

C. Chew, Glasgow/UK

M. Radzina, Riga/LV

**Thursday, June 2**

**17:00 – 18:00**

**PS 3**

**Auditorium I**

**Clinical Files Session: live interpretation of abdominal cases**

Moderator: G. Brancatelli, Palermo/IT

**Panellists:**

N. Bastati-Huber, Vienna/AT

K. Cortis, Msida/MT

R. Pozzi Mucelli, Stockholm/SE

F. Wessels, Utrecht/NL

**Friday, June 3**

**14:00 – 16:00**

**PS 4**

**Auditorium I**

**Nick Gourtsoyiannis' Foundation Course 1 – Rad-path correlation: Pancreas**

Moderators: A. Torregrosa Andrés, Valencia/ES;

V. Vandecaveye, Leuven/BE

**Pancreatic cystic tumours**

N. Kartalis, Stockholm/SE; R.C. Oliveira, Coimbra/PT

**Non-adenocarcinoma pancreatic solid tumours**

G. Zamboni, Verona/IT; R.C. Oliveira, Coimbra/PT

**PS 4**

**Auditorium I**

**Nick Gourtsoyiannis' Foundation Course 2 – Rad-path correlation: GI tumours**

Moderators: A. Torregrosa Andrés, Valencia/ES;

V. Vandecaveye, Leuven/BE

**Non adenocarcinoma gastric cancer**

G. Tardáguila de la Fuente, Vigo/ES; S. Landolfi, Barcelona/ES

**Non-epithelial bowel tumours**

D. Armario, Barcelona/ES; S. Landolfi, Barcelona/ES

# PROGRAMME OVERVIEW – TUESDAY, MAY 31, 2022

## Auditorium I

|             |                                                   |
|-------------|---------------------------------------------------|
| 07:30-08:00 |                                                   |
| 08:00-08:30 |                                                   |
| 08:30-09:00 |                                                   |
| 09:00-09:30 | <b>PG 1</b>                                       |
| 09:30-10:00 | Revisiting luminal Crohn's disease in 2022        |
| 10:00-10:30 |                                                   |
| 10:30-11:00 |                                                   |
| 11:00-11:30 | <b>PG 2</b>                                       |
| 11:30-12:00 | Acute bowel in the ER (and OR): ischemic disease  |
| 12:00-12:30 |                                                   |
| 12:30-13:00 | Industry Symposium                                |
| 13:00-13:30 |                                                   |
| 13:30-14:00 |                                                   |
| 14:00-14:30 |                                                   |
| 14:30-15:00 | <b>PG 3</b>                                       |
| 15:00-15:30 | Imaging the postoperative GI tract: where to look |
| 15:30-16:00 |                                                   |
| 16:00-16:30 |                                                   |
| 16:30-17:00 | <b>PG 4</b>                                       |
| 17:00-17:30 | Rectal cancer                                     |
| 17:30-18:00 |                                                   |
| 18:00-18:30 | <b>PS 1</b>                                       |
| 18:30-19:00 | <b>Opening of ESGAR 2022</b>                      |
| 19:00-19:30 | <b>HL 1</b>                                       |
| 19:30-20:00 | ESGAR Honorary Lecture                            |

## 08:30 – 10:00 / Postgraduate Course

### PG 1

### Auditorium I

#### Revisiting luminal Crohn's disease in 2022



Moderators: A. Laghi, Rome/IT;  
L. Curvo-Semedo, Coimbra/PT

#### 08:30 Imaging features of CD and alternative diagnoses: how to get it right

J. Tielbeek, Amsterdam/NL

#### 08:45 Characterisation of strictures: inflammatory, fibrotic or both?

S.A. Taylor, London/UK

#### 09:00 Medical or surgical treatment? What the clinicians want to know

F. Magro, Porto/PT; M. Machado, Porto/PT

#### 09:45 Case-based discussion

## 10:30 – 12:00 / Postgraduate Course

### PG 2

### Auditorium I

#### Acute bowel in the ER (and OR): ischemic disease



Moderators: M. Zins, Paris/FR; C.J. Zech, Basel/CH

#### 10:30 The many faces of acute mesenteric ischemia

M. Ronot, Clichy/FR

#### 10:45 How to manage: is surgery always needed?

E.S. van Hattum, Utrecht/NL

#### 11:00 When and how can interventional radiology help?

E.-J. Vonken, Utrecht/NL

#### 11:15 Case-based discussion

## 12:15 – 13:15 / Industry Symposium

### SY 1

### Auditorium I

#### Industry-sponsored Symposium

For details please refer to page 61.

## 14:00 – 15:30 / Postgraduate Course

### PG 3

### Auditorium I

#### Imaging the postoperative GI tract: where to look



Moderators: S. Stojanovic, Novi Sad/RS;  
T. Lehtimäki, Helsinki/FI

#### 14:00 Following the surgeon's hands: surgical procedures and normal post-op anatomy

N. Figueiredo, Lisbon/PT

#### 14:15 To re-operate or not to re-operate: early complications

D. Tolan, Leeds/UK

#### 14:30 It still hurts: late-onset complications

M. Laniado, Dresden/DE

#### 14:45 Case-based discussion

## 16:00 – 17:30 / Postgraduate Course

### PG 4

### Auditorium I

#### Rectal cancer



Moderators: R.G.H. Beets-Tan, Amsterdam/NL;  
S. Gourtsoyianni, Athens/GR

#### 16:00 Optimising the rectal MRI report: "pearls and pitfalls"

E. Dresen, Leuven/BE

#### 16:15 Radiologic-pathologic correlation: what can the radiologist learn from it?

L. Blomqvist, Stockholm/SE

#### 16:30 Impact of key aspects of the MRI report in patient management: a surgeon's perspective

G. Beets, Amsterdam/NL

#### 16:45 Case-based discussion

## 17:45 – 19:15 / Plenary Session

### PS 1

### Auditorium I

#### ESGAR 2022 – Opening Ceremony

# PROGRAMME OVERVIEW – WEDNESDAY, JUNE 1, 2022

|             | Auditorium I                                                    | Auditorium VI                                                                                                | Auditorium II                                                                     | Auditorium III                                                                         | Auditorium VIII                                                                            | Room 5A                                                                     | Room 5C                           |  |
|-------------|-----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------|--|
| 08:00-08:30 | <b>ET 1</b><br>Gaps in knowledge in CT/MRI LI-RADS v2018        | <b>ET 2</b><br>Local colon cancer staging – time to up my game                                               | <b>ET 3</b><br>Don't forget the appendix                                          | <b>ET 4</b><br>Many faces of abdominal lymphoma                                        | <b>ET 5</b><br>Groin pain for the GI radiologist                                           | <b>ET 6</b><br>Pelvic floor disorders                                       | <b>USV 1</b><br>Keynote Lecture   |  |
| 08:30-09:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             | <b>USV 2</b><br>Keynote Lecture   |  |
| 09:00-09:30 | <b>LS 1</b><br>State-of-the-art liver imaging in 2022           | <b>LS 2</b><br>ESGAR – ESUR Joint Session: Artificial intelligence in abdominal radiology: where are we now? | <b>ET 7</b><br>Imaging internal hernias                                           | <b>SS 1</b><br>Colorectal cancer                                                       | <b>SS 2</b><br>Pancreatic Adenocarcinoma                                                   |                                                                             | <b>USV 3</b><br>Keynote Lecture   |  |
| 09:30-10:00 |                                                                 |                                                                                                              | <b>ET 8</b><br>Anorectal squamous cancer – not just rectal cancer!                |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 10:00-10:30 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 10:30-11:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 11:00-11:30 | <b>SOE 1</b><br>Acute abdomen: bowel blockages!                 | <b>ET 9</b><br>Atypical HCC – can we diagnose it? (Richard Baron Tutorial)                                   | <b>IGT 1</b><br>How do I do it – IR procedures for everyday radiological practice | <b>SS 3</b><br>Rectal cancer staging                                                   | <b>ES 1</b><br>From submission to publication – all you want to know from Editors in Chief | <b>ET 10</b><br>Oesophageal cancer                                          | <b>USV 4</b><br>Hands-on Training |  |
| 11:30-12:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 12:00-12:30 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            | <b>ET 11</b><br>Not Crohn's disease! Imaging the other small bowel diseases |                                   |  |
| 12:30-13:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 13:00-13:30 | Industry Symposium                                              | Industry Symposium                                                                                           | <b>TC 1</b><br>Tricky cases                                                       | <b>RT 1</b><br>How to critically review and grade the quality of scientific literature |                                                                                            |                                                                             |                                   |  |
| 13:30-14:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 14:00-14:30 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            | Industry Lecture                                                            |                                   |  |
| 14:30-15:00 | <b>LS 3</b><br>Imaging in blunt abdominal trauma                | <b>LS 4</b><br>Staging (and restaging) nodal disease in abdominal malignancies                               | <b>ET 12</b><br>Non-tumoral liver injury after chemotherapy                       | <b>SS 4</b><br>Hepatocellular carcinoma detection                                      | <b>SOE 2</b><br>Unravelling mysteries of the mesentery                                     |                                                                             | <b>USV 5</b><br>Keynote Lectures  |  |
| 15:00-15:30 |                                                                 |                                                                                                              | <b>ET 13</b><br>Portal vein thrombosis                                            |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 15:30-16:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 16:00-16:30 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             | <b>USV 6</b><br>Hands-on Training |  |
| 16:30-17:00 | <b>PS 1a</b>                                                    |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 17:00-17:30 | <b>PS 2</b><br>One case – Three lessons: reflecting on my error |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 17:30-18:00 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
| 18:00-18:30 |                                                                 |                                                                                                              |                                                                                   |                                                                                        |                                                                                            |                                                                             |                                   |  |
|             |                                                                 |                                                                                                              | <b>General Assembly</b><br>18:00-19:00                                            |                                                                                        |                                                                                            |                                                                             |                                   |  |

# WEDNESDAY, JUNE 1, 2022

## 08:00 – 08:45 / ESGAR Tutorials

**ET 1** Auditorium I  
**Gaps in knowledge in CT/MRI LI-RADS 2018: Case-based review** #LVL II  
C. Sirlin, San Diego, CA/US; V. Chernyak, Boston, MA/US

**ET 2** Auditorium VI  
**Local colon cancer staging – time to up my game** #LVL II  
P. Paolantonio, Rome/IT; V. Goh, London/UK

**ET 3** Auditorium II  
**Don't forget the appendix** #LVL II  
M. Scheurkogel, The Hague/NL; J.B.C.M. Puylaert, The Hague/NL

**ET 4** Auditorium III  
**Many faces of abdominal lymphoma** #LVL II  
**#FROM MY WORKSTATION**  
E. de Kerviler, Paris/FR; E. Biscaldi, Genoa/IT

**ET 5** Auditorium VIII  
**Groin pain for the GI radiologist** #LVL II  
A. Plumb, London/UK; S.M. Erturk, Istanbul/TR

**ET 6** Room 5A  
**Pelvic floor disorders #STRUCTURED REPORTING** #LVL II  
G. Masselli, Rome/IT; F. Maccioni, Rome/IT

## 08:00 – 08:45 / Ultrasound Village

**USV 1** Room 5C  
**Keynote Lecture**

**08:00 Welcome and introduction to the US Village**  
M. Ramalho, Almada/PT

**08:05 Practical use of abdominal CEUS**  
D. Cokkinos, Athens/GR

## 08:50 – 09:30 / Ultrasound Village

**USV 2** Room 5C  
**Keynote Lecture**

**08:50 New technological developments in abdominal US**  
W. Ibrahim, Jülich/DE

## 09:00 – 10:30 / Lecture Session

**LS 1** Auditorium I  
**State-of-the-art liver imaging in 2022** #LVL II  
Moderators: F. Caseiro Alves, Coimbra/PT; A. Ba-Ssalamah, Vienna/AT

**09:00 Fast liver MRI protocols in oncologic and cirrhotic patients: a wave of the future or a soap bubble?**  
B. Taouli, New York, NY/US

**09:20 Updates on hepatocellular adenomas: diagnosis, classification, and follow-up**  
F. Vernuccio, Padua/IT

**09:40 Hepatobiliary phase MRI: a room with a thousand mirrors**  
S. Pötter-Lang, Vienna/AT

**10:00 Immunotherapy and liver cancer: hope and gaps in the management of liver tumours**  
C. Dromain, Lausanne/CH

**10:20 Questions and answers**

## 09:00 – 10:30 / Lecture Session

**LS 2** Auditorium VI  
**ESGAR – ESUR Joint Session: Artificial intelligence in abdominal radiology: where are we now?** #LVL II  
Moderators: C.D. Becker, Geneva/CH; N. Papanikolaou, Lisbon/PT  
Presidents: A. Laghi, Rome/IT; M.M. Otero-García, Vigo/ES

**09:00 Focal liver lesions**  
J. Sosna, Jerusalem/IL

**09:15 Kidney**  
A. Ljimini, Düsseldorf/DE

**09:30 Rectum**  
J. Van Griethuysen, Amsterdam/NL

**09:45 Prostate**  
T. Penzkofer, Berlin/DE

**10:00 Case-based discussion**

## 09:00 – 09:45 / ESGAR Tutorials

**ET 7** Auditorium II  
**Imaging internal hernias #FROM MY WORKSTATION** #LVL II  
I. Millet, Montpellier/FR; J. Nederend, Eindhoven/NL



**09:40 – 10:30 / Ultrasound Village**

**USV 3**

**Room 5C**

**Keynote Lecture**

**09:40 Abdominal US the era of CT and MRI**

J.B.C.M. Puylaert, The Hague/NL

**10:00 – 10:45 / ESGAR Tutorials**

**ET 8**

**Auditorium II**

**Anorectal squamous cancer – not just rectal cancer!**



H. Lambie, Leeds/UK; D. Lambregts, Amsterdam/NL

**09:00 – 10:30 / Scientific Session**

**SS 1**

**Auditorium III**

**Colorectal Cancer**

Moderator: S. Nougaret, Montpellier/FR

**09:00 SS 1.1 Improving the appropriateness of CT colonography referrals**

A.O. Yousif<sup>1</sup>, M. Ismail<sup>2</sup>, R. Vinayagam<sup>3</sup>; <sup>1</sup>Leeds/UK, <sup>2</sup>Scarborough/UK, <sup>3</sup>Bradford/UK

**09:08 SS 1.2 Post-imaging colorectal cancers: evaluation of a 10-year experience of CT colonography in a high-volume centre**

D. Tolan<sup>1</sup>, P. Melling<sup>1</sup>, J. Taylor<sup>1</sup>, N.E. Burr<sup>2</sup>, P. Quirke<sup>1</sup>, E. Morris<sup>3</sup>; <sup>1</sup>Leeds/UK, <sup>2</sup>Wakefield/UK, <sup>3</sup>Oxford/UK

**09:16 SS 1.3 Inter-reader agreement in staging colon cancer patients: the usefulness of CECT**

C. Maino<sup>1</sup>, M. Ragusi<sup>2</sup>, T. Giandola<sup>2</sup>, R. Corso<sup>1</sup>, C. Talei Franzesi<sup>1</sup>; <sup>1</sup>Milan/IT, <sup>2</sup>Monza/IT

**09:24 SS 1.4 Fully automated body composition biomarkers for predicting overall survival at staging CT for colorectal cancer**

S.G. Pickhardt<sup>1</sup>, J. Garrett<sup>1</sup>, A.A. Perez<sup>1</sup>, R. Zea<sup>1</sup>, M.H. Lee<sup>1</sup>, M.G. Lubner<sup>1</sup>, R.M. Summers<sup>2</sup>, P.J. Pickhardt<sup>1</sup>; <sup>1</sup>Madison, WI/US, <sup>2</sup>Bethesda, MD/US

**09:32 SS 1.5 Prediction of nodal metastasis in right-sided colon cancer with node for node correlation: a novel approach using complete mesocolic excision with central vascular ligation**

M. Widmar, H. Thompson, J.B. Yuval, C. Firat, J. Shia, J. Zheng, M. Capanu, A. Cercek, J. Garcia-Aguilar, M.J. Gollub, D.D. Bates; New York, NY/US

**09:40 SS 1.6 A new insight into mismatch repair status, systemic inflammatory markers and tumour differentiation and the implications for nodal staging of colon cancer with CT**

J. Platt, J. Ansett, J. Seligmann, N. West, D. Tolan; Leeds/UK

**09:48 SS 1.7 Is CT radiomics superior to morphological evaluation for PNO characterization? A pilot study in stage II colon adenocarcinoma**



I. Nacci, M. Zerunian, M. Polici, D. Caruso, E. Iannicelli, A. Laghi; Rome/IT

**09:56 SS 1.8 MRI staging of colon cancer**

S.R. Rafaelsen, C. Dam, C.A. Vagn-Hansen, J. Møller, H. Rahr, M. Sjöström, J. Lindebjerg, T.F. Hansen, M.R. Pedersen; Vejle/DK

**10:04 SS 1.9 Performance evaluation of CT as a biomarker for neoadjuvant chemotherapy in colon cancer: FOxTROT experience**

D. Tolan<sup>1</sup>, D. Morton<sup>2</sup>, M. Seymour<sup>1</sup>, P. Quirke<sup>1</sup>, K. Handley<sup>2</sup>, L. Magill<sup>2</sup>, N. West<sup>1</sup>, J. Seligmann<sup>1</sup>; <sup>1</sup>Leeds/UK, <sup>2</sup>Birmingham/UK

**09:00 – 10:30 / Scientific Session**

**SS 2**

**Auditorium VIII**

**Pancreatic adenocarcinoma**

Moderators: C. Matos, Lisbon/PT; M.A. Bali, Brussels/BE

**09:00 SS 2.1 Higher volume growth rate is associated with the development of worrisome features in patients with branch duct-intraductal papillary mucinous neoplasms**



F. Fedeli, D. Palatresi, G. Danti, T. Innocenti, A. Galli, V. Miele; Florence/IT

**09:08 SS 2.2 Preclinical diffusion tensor imaging of the pancreas for the characterization of pre-malignant lesions**

C. Bilreiro, F.F. Fernandes, R.V. Simões, A. Ianus, C. Chavarrias, M. Castillo-Martin, T. Carvalho, C. Matos, N. Shemesh; Lisbon/PT

**09:16 SS 2.3 Efficacy of contrast-enhanced magnetic resonance imaging in the differentiation between malignant and benign pancreatic cystic neoplasms**

A. Kristic, A. Messner, N. Bastati-Huber, S. Pötter-Lang, R. Ambros, M. Schindl, A. Ba-Ssalamah; Vienna/AT

**09:24 SS 2.4 Coronary artery calcium score as a predictor of major adverse cardiac events in patients undergoing pancreatic surgery**

B.I. van Rosmalen, M.A. Brouwer, A.M. Hogenes, M. Meij, M. Van der Kolk, C.J. Van Laarhoven, M. Prokop, J.J. Hermans; Nijmegen/NL

**09:32 SS 2.5 A CT-based radiomics study using tumour and vessel features to predict non-resectability in chemo-naïve patients with cancer of the pancreatic head**

G. Litjens<sup>1</sup>, J.J. Hermans<sup>1</sup>, J. Broekmans<sup>2</sup>, T. Boers<sup>2</sup>, M. van den Hurk<sup>1</sup>, D. Ozdemir<sup>1</sup>, C. Schaik<sup>1</sup>, M. Janse<sup>3</sup>, E. van Geenen<sup>1</sup>, K. van Laarhoven<sup>1</sup>, M. Prokop<sup>1</sup>, H. Huisman<sup>1</sup>, P. de With<sup>2</sup>, F. van der Sommen<sup>2</sup>; <sup>1</sup>Nijmegen/NL, <sup>2</sup>Eindhoven/NL, <sup>3</sup>Utrecht/NL

**09:40 SS 2.6 Diagnostic performance of MRI to predict the resectability of pancreatic adenocarcinoma according to National Comprehensive Cancer Network criteria**

L. Soydan, C. Karabiber Deveci; Istanbul/TR

**09:48 SS 2.7 Pancreatic ductal adenocarcinoma: CT texture analysis of the area lesion to predict metastasis**



L. Geraci, L. Tomaiuolo, C. Longo, D. Autelitano, M. Todesco, A. Carli, F. Verrengia, A. Olivieri, R. De Robertis, M. D'Onofrio; Verona/IT

**09:56 SS 2.8 Radiogenomics of pancreatic ductal adenocarcinoma**

C. Longo, L. Tomaiuolo, L. Geraci, G. Aluffi, M. Todesco, D. Autelitano, V. Rossi, F. Cicalo', M. D'Onofrio; Verona/IT

**10:04 SS 2.9 Comparison between CT texture data, resection margin status and clinical outcomes in pancreatic adenocarcinoma resected after induction chemotherapy and neoadjuvant stereotactic body radiation therapy**

R. De Robertis, L. Geraci, L. Tomaiuolo, D. Autelitano, M. Todesco, A. Carli, C. Longo, M. D'Onofrio; Verona/IT

**10:12 SS 2.10 Diffusion-weighted magnetic resonance imaging in restaging of pancreatic ductal adenocarcinoma after neoadjuvant therapy: a pilot study**



B. Miseur, V. Vandecaveye, L. Cockmartin, B. Topal, E. Van Cutsem, T. Roskams, R. Dresen; Leuven/BE

**11:00 – 12:30 / School of ESGAR**

**SOE 1**

**Auditorium I**

**Acute abdomen: bowel blockages!**

Moderators: G. Maskell, Truro/UK, S. Schmidt Kobbe, Lausanne/CH



**11:00 Blocked small bowel – how to cope?**

P. Taourel, Montpellier/FR

**11:30 Blocked large bowel – how to cope?**

M. Morrin, Dublin/IE

**12:00 Case-based discussion**

**11:00 – 12:00 / ESGAR Tutorials**

**ET 9**

**Auditorium VI**

**Richard Baron Tutorial: Atypical HCC – can we diagnose it? #FROM MY WORKSTATION**



R. Albazaz, Leeds/UK; A. Furlan, Pittsburgh, PA/US

**11:00 – 12:30 / Image Guided Therapy**

**IGT 1**

**Auditorium II**

**How do I do it – IR procedures for everyday radiological practice**



Moderator: M. Krokidis, Athens/GR

**11:00 Anesthesiology in IR procedures**

V. Almeida, Coimbra/PT

**11:15 Liver biopsy**

M. Dioguardi Burgio, Villejuif/FR

**11:30 Cholecystostomy**

M. Zins, Paris/FR

**11:45 Abscess drainage**

A. Lowe, Taunton/UK

**12:00 How to deal with bleeding complications**

R. Garcia Marcos, Valencia/ES

**12:15 Questions and answers**

11:00 – 12:30 / Scientific Session

SS 3

Auditorium III

Rectal cancer staging

Moderators: P. Popovic, Ljubljana/SI; C. Sofia, Messina/IT

11:00 SS 3.1 Rectal MRI quality assessment by radiographers: do they see it the same way as a radiologist?

[D. Tolan](#)<sup>1</sup>, [J. Taylor](#)<sup>1</sup>, [H. Rossington](#)<sup>1</sup>, [D. Lambregts](#)<sup>2</sup>, [P. Quirke](#)<sup>1</sup>, [P.J. Brown](#)<sup>3</sup>; <sup>1</sup>Leeds/UK, <sup>2</sup>Amsterdam/NL, <sup>3</sup>York/UK

11:08 SS 3.2 Value of pelvic CT in addition to MRI to differentiate between rectal and sigmoid cancer on imaging using the sigmoid take-off as a landmark

[N. Bogveradze](#)<sup>1</sup>, [M. Maas](#)<sup>1</sup>, [N. El Khababi](#)<sup>1</sup>, [N.W. Schurink](#)<sup>1</sup>, [M.J. Lahaye](#)<sup>1</sup>, [F. Bakers](#)<sup>2</sup>, [P.J. Tanis](#)<sup>1</sup>, [M. Kusters](#)<sup>1</sup>, [G.L. Beets](#)<sup>1</sup>, [R.G.H. Beets-Tan](#)<sup>1</sup>, [D. Lambregts](#)<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Maastricht/NL

11:16 SS 3.3 MRI staging of ano-rectal malignancy – a reporting dilemma: is it adenocarcinoma or squamous cell carcinoma?

[A. Chandramohan](#), [K. Sathyakumar](#), [A. Eapen](#), [R. Mittal](#); Vellore/IN

11:24 SS 3.4 Staging of early rectal cancer, the diagnostic performance of MRI to identify tumours eligible for local excision

[E. Viktil](#); Oslo/NO

11:32 SS 3.5 High-resolution diffusion-weighted imaging for the evaluation of extramural tumours invasion in primary rectal cancer

[S.H. Kim](#), [E.J. Park](#), [S.J. Jo](#), [J.-H. Yoon](#); Busan/KR

11:40 SS 3.6 Intraindividual comparison of diagnostic efficacy of orally administered liver-specific contrast agent Mangoral (Orviglance) (manganese chloride tetrahydrate) and intravenous gadobenate dimeglumine (Multihance) in patients with colorectal liver metastases

[K. Shamsi](#)<sup>1</sup>, [T. Brismar](#)<sup>2</sup>, [N. Kartalis](#)<sup>2</sup>, [C. Bjartmar](#)<sup>3</sup>; <sup>1</sup>Conshohocken, PA/US, <sup>2</sup>Stockholm/SE, <sup>3</sup>Malmö/SE

11:48 SS 3.7 Impact of a quality improvement programme on rectal cancer MRI reporting in clinical practice: does it improve report content?

[C. Muthoo](#)<sup>1</sup>, [P.J. Brown](#)<sup>1</sup>, [H. Rossington](#)<sup>2</sup>, [S. Alderson](#)<sup>2</sup>, [P. Quirke](#)<sup>2</sup>, [D. Tolan](#)<sup>2</sup>; <sup>1</sup>York/UK, <sup>2</sup>Leeds/UK

11:56 SS 3.8 Upper abdominal imaging in rectal cancer staging MRI

[C. Muthoo](#), [M. Ting](#), [J.D. Coates](#), [P.J. Brown](#); York/UK

12:04 SS 3.9 Accuracy of endorectal ultrasound (EUS) in rectal cancer and the impact this has on management

[A.O. Yousif](#)<sup>1</sup>, [N. Jagirdar](#)<sup>2</sup>, [E. Teodorescu-Arghezi](#)<sup>2</sup>; <sup>1</sup>Leeds/UK, <sup>2</sup>Bradford/UK

12:12 SS 3.10 MRI surveillance after treatment with contact X-ray brachytherapy for rectal cancer: preliminary results

[P. Custers](#), [M. Maas](#), [D. Lambregts](#), [R.G.H. Beets-Tan](#), [I. Huijbregtse](#), [M. van Leerdam](#), [D. van der Reijd](#), [G.L. Beets](#), [F. Peters](#), [C. Marijnen](#), [B. van Triest](#); Amsterdam/NL



12:20 SS 3.11 Role of MRI for early tumor response evaluation in anal cancer after 5 weeks of chemoradiotherapy to guide boost strategies

[D.M. Lambregts](#), [E. van den Hurk](#), [F.P. Peters](#), [F.E. Voncken](#), [B.A. Grotenhuis](#), [C.L. Deijen](#), [B. van Triest](#); Amsterdam/NL

11:00 – 12:30 / Editorial Session

ES 1

Auditorium VIII

From submission to publication – all you want to know from Editors in Chief



Moderator: [R.G.H. Beets-Tan](#), Amsterdam/NL

11:00 The various types of scientific publications and its logics

[J. Drenth](#), Nijmegen/NL (Editor in Chief, UEG Journal)

11:15 What happens after my manuscript is submitted?

[Y. Menu](#), Paris/FR (Editor in Chief, European Radiology)

11:30 How do we measure scientific impact?

[L. Martí-Bonmatí](#), Valencia/ES (Editor in Chief, Insights into Imaging)

11:45 Panel discussion

11:00 – 11:45 / ESGAR Tutorials

ET 10

Room 5A

Oesophageal cancer #STRUCTURED REPORTING



[D. Tamandl](#), Vienna/AT; [S. Withey](#), London/UK

12:00 – 12:45 / ESGAR Tutorials

ET 11

Room 5A

Not Crohn's disease! Imaging the other small bowel diseases



[L. Guimarães](#), Porto/PT; [S. Gourtsoyianni](#), Athens/GR

# WEDNESDAY, JUNE 1, 2022

## 11:00 – 12:00 / Ultrasound Village

**USV 4** Room 5C  
**Basic „hands-on“ US (5 US machines, 5 models, 5 tutors)**

**Tutors:**

D. Cokkinos, Athens/GR  
J.B.C.M. Puylaert, The Hague/NL  
W. Ibrahim, Jülich/DE  
I. Vanhooymissen, The Hague/NL  
M. Scheurkogel, The Hague/NL

## 12:45 – 13:45 / Industry Symposium

**SY 2** Auditorium I  
**Industry-sponsored Symposium**  
For details please refer to page 63.

**SY 3** Auditorium VI  
**Industry-sponsored Symposium**  
For details please refer to page 65.

## 12:45 – 13:30 / Tricky Cases

**TC1** Auditorium II  
**Tricky cases from my day job**  
Moderators: C. Reiner, Zurich/CH; R. Cannella, Palermo/IT

**12:45 Syndromes in abdominal imaging**

S. Malekzadeh, Sion/CH

**12:54 When things can turn bad unexpectedly...**

P. Rodríguez Carnero, Madrid/ES

**13:03 A changing adrenal gland**

B. Rea, Sheffield/UK

**13:12 Unusual hepatic cyst**

F. Castagnoli, Brescia/IT

**13:21 A challenging mimic**

C. Maino, Milan/IT

## 12:45 – 13:45 / Research Tutorials

**RT 1** Auditorium III  
**Understanding the level of evidence – how to critically review and grade the quality of scientific literature**



Moderators: D. Lambregts, Amsterdam/NL; S. Nougaret, Montpellier/FR

**12:45 Understanding the level of evidence – how to critically review and grade the quality of scientific literature**

M. Maas, Amsterdam/NL; S. Bipat, Amsterdam/NL

**13:25 Questions and answers**

## 13:45 - 14:30 / Industry Lecture

**ISWS 1** Room 5A  
**Industry-sponsored Lecture**  
For details please refer to page 68.

## 14:00 – 15:30 / Ultrasound Village

**USV 5** Room 5C  
**Keynote Lectures**

**14:00 US of liver (benign)**

O. Lucidarme, Paris/FR

**14:45 US of liver (malignant)**

C. Aubé, Angers/FR



## 14:30 – 16:00 / Lecture Session

**LS 3** Auditorium I  
**Imaging in blunt abdominal trauma**

Moderators: H. Alexandrino, Coimbra/PT; P. Wiggermann, Braunschweig/DE

**14:30 Liver and hepatobiliary tract**

S. Schmidt Kobbe, Lausanne/CH

**14:50 Spleen**

P. Wiggermann, Braunschweig/DE

**15:10 Pancreas, bowel and mesentery**

M. Scaglione, Castelvoturno/IT

**15:30 Case-based discussion**

**14:30 – 16:00 / Lecture Session**

**LS 4**

**Auditorium VI**



**Staging (and restaging) nodal disease in abdominal malignancies**

Moderators: L. Costa, Belo Horizonte/BR; L.H. Ros Mendoza, Zaragoza/ES

**14:30 Hepatobiliopancreatic malignancies**

R. Manfredi, Rome/IT

**14:50 Colorectal cancer**

S. Nougaret, Montpellier/FR

**15:10 Lymphoma**

N. Courcoutsakis, Alexandroupolis/GR

**15:30 Case-based discussion**

**14:30 – 15:15 / ESGAR Tutorials**

**ET 12**

**Auditorium II**



**Non-tumoral liver injury after chemotherapy or radiation therapy**

C. Mihal, Maastricht/NL; D.-M. Koh, Sutton/UK

**15:30 – 16:15 / ESGAR Tutorials**

**ET 13**

**Auditorium II**



**Portal vein thrombosis**

D. Akata, Ankara/TR; J.-P. Tasu, Poitiers/FR

**14:30 – 16:00 / Scientific Session**

**SS 4**

**Auditorium III**

**Hepatocellular carcinoma detection**

Moderators: K. Chupetlovska, Sofia/BG; M. Garbajs, Ljubljana/SI

**14:30 SS 4.1 Noninvasive diagnosis of small HCC: can imaging hallmarks be extracted from different imaging modalities?**

A. Chouard<sup>1</sup>, A. Paisant<sup>2</sup>, V. Vilgrain<sup>1</sup>, C. Aubé<sup>2</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Angers/FR

**14:38 SS 4.2 Detection of early-stage HCC with abbreviated gadoxetate MRI: comparison with ultrasound -pilot study**

N. Vietti Violi<sup>1</sup>, M. Wagner<sup>2</sup>, C. Besa<sup>3</sup>, M. Hulkower<sup>4</sup>, M. Schwartz<sup>4</sup>, S. Lewis<sup>4</sup>, K. Sigel<sup>4</sup>, B. Taouli<sup>4</sup>; <sup>1</sup>Lausanne/CH, <sup>2</sup>Paris/FR, <sup>3</sup>Santiago/CL, <sup>4</sup>New York, NY/US

**14:46 SS 4.3 Fat-containing liver lesions: are usual MRI diagnostic criteria of both malignant and benign primary liver lesions still applicable?**

E. Reizine, S. Mulé, G. Amaddeo, R. Kharrat, A. Laurent, J. Calderaro, A. Luciani; Créteil/FR

**14:54 SS 4.4 Influence of the imaging modality of detection of hepatic nodules on the noninvasive diagnosis of HCC in cirrhotic patients**

A. Paisant<sup>1</sup>, M. Roux<sup>1</sup>, C. Cassinotto<sup>2</sup>, C.M. Canivet<sup>1</sup>, O. Sutter<sup>1</sup>, V. Vilgrain<sup>3</sup>, C. Aubé<sup>1</sup>; <sup>1</sup>Angers/FR, <sup>2</sup>Castelnau-le-Lez/FR, <sup>3</sup>Clichy/FR

**15:02 SS 4.5 Adherence to LI-RADS and EASL high-risk population criteria: a systematic review**

R. Cannella<sup>1</sup>, M. Dioguardi Burgio<sup>2</sup>, R. Sartoris<sup>3</sup>, V. Vilgrain<sup>3</sup>, M. Ronot<sup>3</sup>; <sup>1</sup>Palermo/IT, <sup>2</sup>Paris/FR, <sup>3</sup>Clichy/FR

**15:10 SS 4.6 Fat hepatocellular carcinoma in patients with cirrhosis: a new diagnostic algorithm proposal**



A. Delagnes<sup>1</sup>, M. Roux<sup>1</sup>, V. Vilgrain<sup>2</sup>, B. Guiu<sup>3</sup>, V. Laurent<sup>4</sup>, O. Sutter<sup>5</sup>, I. Bricault<sup>6</sup>, H. Trillaud<sup>7</sup>, C. Aubé<sup>1</sup>, A. Paisant<sup>1</sup>; <sup>1</sup>Angers/FR, <sup>2</sup>Clichy/FR, <sup>3</sup>Montpellier/FR, <sup>4</sup>Vandoeuvre-lès-Nancy/FR, <sup>5</sup>Bobigny/FR, <sup>6</sup>Grenoble/FR, <sup>7</sup>Bordeaux/FR

**15:18 SS 4.7 Positive predictive value of hepatocellular carcinoma surveillance ultrasound depends on the presence of cirrhosis**

J. Tse, L. Shen, T. Liang, L. Yoon, A. Kamaya; Stanford, CA/US

**15:26 SS 4.8 Impact of COVID-19 pandemic on hepatocellular carcinoma ultrasound surveillance volumes at a liver transplant center**

J. Tse, L. Shen, L. Yoon, A. Kamaya; Stanford, CA/US

**15:34 SS 4.10 Determining the radiological outcome of subcentimeter-sized hepatic nodules demonstrating non-rim arterial phase hyperenhancement in at-risk patients under surveillance for hepatocellular carcinoma in the Indian population**

D. Mehta<sup>1</sup>, D. Lokhandwala<sup>1</sup>, S. Sabnis<sup>1</sup>, S. Siddiqui<sup>1</sup>,

S. Nellore<sup>2</sup>, S. Jalkote<sup>1</sup>, K. Ganesan<sup>1</sup>; <sup>1</sup>Mumbai/IN,

<sup>2</sup>Navi Mumbai/IN

**14:30 – 16:00 / School of ESGAR**

**SOE 2**

**Auditorium VIII**

**Unravelling mysteries of the mesentery**

Moderators: A. Palkó, Szeged/HU; I. Boulay Coletta, Paris/FR



**14:30 Mesenteric neoplasms**

P. Prassopoulos, Thessaloniki/GR

**15:00 Non-neoplastic mesenteric diseases and approach to differential diagnosis**

C. Stoupis, Maennedorf/CH

**15:30 Case-based discussion**

**15:30 – 16:30 / Ultrasound Village**

**USV 6**

**Room 5C**

**Abdominal US Hands-on training  
(5 US machines, 5 models, 5 tutors)**

**Tutors:**

C. Aubé, Angers/FR

O. Lucidarme, Paris/FR

D. Cokkinos, Athens/GR

J.B.C.M. Puylaert, The Hague/NL

M. Scheurkogel, The Hague/NL

**16:30 – 16:45 / Plenary Session**

**PS 1a**

**Auditorium I**

**Awards Ceremony**

Moderator: A. Laghi, Rome/IT

**16:30 European Radiology Awards**

Y. Menu, Paris/FR

**16:40 Insights into Imaging Award**

L. Martí-Bonmatí, Valencia/ES

**16:45 – 18:00 / Plenary Session**

**PS 2**

**Auditorium I**

**One case – Three lessons: reflecting on my error**

Moderators: M. Morrin, Dublin/IE; D. Tolan, Leeds/UK

**16:45 Opening up: making the first steps in my department**

M. França, Porto/PT

**16:54 Does leading from the front just mean a long way to fall?**

A. Brady, Cork/IE

**17:03 Case presentations:**

M. Zins, Paris/FR

I. Zealley, Dundee/UK

F. Labruto, Sydney, NSW/AU

C. Chew, Glasgow/UK

M. Radzina, Riga/LV

**17:45 Discussion**

**18:00 – 19:00**

**Auditorium II**

**ESGAR GENERAL ASSEMBLY**

For ESGAR Members in good standing only

# PROGRAMME OVERVIEW – THURSDAY, JUNE 2, 2022

|             | Auditorium I                                                      | Auditorium VI                                                                                                     | Auditorium II                                                                               | Auditorium III                                                     | Auditorium VIII                                     | Room 5A                                         | Room 5C                                                                   |
|-------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------|-------------------------------------------------|---------------------------------------------------------------------------|
| 08:00-08:30 | <b>ET 14</b><br>Commonly missed lesions when performing abdominal | <b>ET 15</b><br>Screening with abdominal CT using AI tools                                                        | <b>ET 16</b><br>Imaging in patients with colorectal liver metastases                        | <b>ET 17</b><br>Paediatric liver diseases: challenging cases       | <b>ET 18</b><br>Imaging chronic mesenteric ischemia | <b>ET 19</b><br>Spleen: challenging cases       | <b>USV 7</b><br>Keynote Lecture                                           |
| 08:30-09:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 09:00-09:30 | <b>LS 5</b><br>Gastric cancer: what's new?                        | <b>LS 6</b><br>How non-invasive tests are used for the evaluation of chronic liver disease: guidelines and beyond | <b>ET 20</b><br>PET/MRI: ready for clinical practice?                                       | <b>SS 5</b><br>Interventional Radiology                            | <b>SS 6</b><br>Bowel Inflammation                   |                                                 | <b>USV 8</b><br>Keynote Lecture                                           |
| 09:30-10:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 10:00-10:30 |                                                                   |                                                                                                                   | <b>ET 21</b><br>GEP-NET: challenging cases                                                  |                                                                    |                                                     |                                                 |                                                                           |
| 10:30-11:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 11:00-11:30 | <b>SOE 3</b><br>Acute abdomen: a pain in the pancreas!            | <b>IGT 2</b><br>HCC – Role of radiology for diagnosis and treatment                                               | <b>ET 22</b><br>Anatomical variants of the vessels and bile ducts: implications for surgery | <b>SS 7</b><br>Pancreas                                            | <b>SS 8</b><br>Biliary tract/NET                    | <b>ET 23</b><br>CT colonography difficult cases | <b>USV 9</b><br>US Live Demo                                              |
| 11:30-12:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 | <b>USV 10</b><br>Hands-on Training                                        |
| 12:00-12:30 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 | <b>ET 24</b><br>Vascular and biliary complications after liver transplant |
| 12:30-13:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 13:00-13:30 | Industry Symposium                                                |                                                                                                                   | <b>TC 2</b><br>Tricky cases                                                                 | <b>RT 2</b><br>Reading another AI paper? – what to really look for |                                                     |                                                 |                                                                           |
| 13:30-14:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 14:00-14:30 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 14:30-15:00 | <b>LS 7</b><br>In and around the duodenum                         | <b>LS 8</b><br>Tumour response in abdominal imaging: how to appraise?                                             | <b>ET 25</b><br>Optimising your CT technique in acute abdomen                               | <b>SS 9</b><br>Small bowel and colon                               | <b>SOE 4</b><br>Hot livers and gallbladders         |                                                 | <b>USV 11</b><br>Keynote Lectures                                         |
| 15:00-15:30 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 15:30-16:00 |                                                                   |                                                                                                                   | <b>ET 26</b><br>New insights on imaging and management of gallbladder                       |                                                                    |                                                     |                                                 |                                                                           |
| 16:00-16:30 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 | <b>USV 12</b><br>Hands-on Training                                        |
| 16:30-17:00 | <b>HL 3</b><br>SAR HL                                             |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 17:00-17:30 | <b>PS 3</b><br>Clinical Files                                     |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 17:30-18:00 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |
| 18:00-18:30 |                                                                   |                                                                                                                   |                                                                                             |                                                                    |                                                     |                                                 |                                                                           |

# THURSDAY, JUNE 2, 2022

## 08:00 – 08:45 / ESGAR Tutorials

**ET 14** Auditorium I  
**Commonly missed lesions when performing abdominal CT/MRI: who, what, when, where and why? #SINGLE TOPIC** #LVL II  
Y. Menu, Paris/FR

**ET 15** Auditorium VI  
**Screening with abdominal CT using AI tools: are we ready yet? #SINGLE TOPIC** #LVL III  
P.J. Pickhardt, Madison, WI/US; E. Neri, Pisa/IT

**ET 16** Auditorium II  
**Imaging in patients with colorectal liver metastases** #LVL II  
A. Cieszanowski, Warsaw/PL; L. Milot, Lyon/FR

**ET 17** Auditorium III  
**Paediatric liver diseases: challenging cases #FROM MY WORKSTATION** #LVL II  
S. Robben, Maastricht/NL; I. Apine, Riga/LV

**ET 18** Auditorium VIII  
**Imaging chronic mesenteric ischemia: the new UEG guideline** #LVL II  
M. Mazzei, Siena/IT; C.J. Zech, Basel/CH

**ET 19** Room 5A  
**Spleen: challenging cases #FROM MY WORKSTATION** #LVL II  
A.J. Madureira, Porto/PT; C. Reiner, Zurich/CH

## 08:00 – 08:45 / Ultrasound Village

**USV 7** Room 5C  
**Keynote Lecture**

**08:00 Welcome and introduction to the US Village**  
M. Ramalho, Almada/PT

**08:05 Abdominal US: tips and tricks**  
J.B.C.M. Puylaert, The Hague/NL

## 08:50 – 10:20 / Ultrasound Village

**USV 8** Room 5C  
**Keynote Lectures**

**08:50 US of acute gynaecological abdomen**  
M. Scheurkogel, The Hague/NL

**09:35 US of Crohn's disease**  
E. Coerkamp, The Hague/NL

## 09:00 – 10:30 / Lecture Session

**LS 5** Auditorium I  
**Gastric cancer: what's new?** #LVL II  
Moderators: S. Romano, Pozzuoli/IT; A. Riddell, London/UK

**09:00 New insights on pathology**  
F. Carneiro, Porto/PT

**09:20 Conventional imaging for staging and assessing response**  
M. Rengo, Rome/IT

**09:40 The role of functional and hybrid imaging**  
V. Vandecaveye, Leuven/BE

**10:00 Case-based discussion**

## 09:00 – 10:30 / Lecture Session

**LS 6** Auditorium VI  
**How non-invasive tests are used for the evaluation of chronic liver disease: guidelines and beyond** #LVL II  
Moderators: M. França, Porto/PT; L. Martí-Bonmatí, Valencia/ES

**09:00 Summary of the 2021 EASL guidelines**  
V. Vilgrain, Clichy/FR

**09:20 Role of Ultrasound in assessing steatosis and liver fibrosis**  
M. Radzina, Riga/LV

**09:40 Role of MRI in assessing steatosis and liver fibrosis**  
I. İdilman, Ankara/TR

**10:00 Case-based discussion**



**09:00 – 09:45 / ESGAR Tutorials**

**ET 20**

**PET/MRI: ready for clinical practice?**

O. Catalano, Boston, MA/US

**Auditorium II**



**10:00 – 10:45 / ESGAR Tutorials**

**ET 21**

**GEP-NET: challenging cases**

#FROM MY WORKSTATION

G. Karmazanovsky, Moscow/RU; C. Schmid-Tannwald, Munich/DE

**Auditorium II**



**09:00 – 10:30 / Scientific Session**

**SS 5**

**Interventional radiology**

Moderators: C.J. Zech, Basel/CH; E.-J. Vonken, Utrecht/NL

**Auditorium III**

**09:00 SS 5.2 Radiofrequency ablation of HCC: CT texture analysis of the ablated area to predict local recurrence**



D. Autelitano, L. Geraci, L. Tomaiuolo, C. Longo, M. Todesco, A. Carli, R. De Robertis, M. D'Onofrio; Verona/IT

**09:08 SS 5.3 Prospective assessment of liver health following liver resection and yttrium-90 radioembolization in patients with hepatocellular carcinoma using multi-parametric MRI platform**

M. Pansini<sup>1</sup>, J. Connell<sup>1</sup>, A. Fichera<sup>1</sup>, L. Nuñez<sup>1</sup>, E. Pickels<sup>1</sup>, D.C. Ng<sup>2</sup>, A. Gogna<sup>2</sup>, B. Goh<sup>2</sup>, D. Wai Meng Tai<sup>2</sup>, H. Chong Toh<sup>2</sup>, S.P. Choo<sup>2</sup>, W.Y. Chan<sup>2</sup>, T. Priyanthi<sup>2</sup>, I.B. Tan<sup>2</sup>, R.H. Lo<sup>2</sup>, S.X. Yan<sup>2</sup>, C. Chua<sup>2</sup>, S.L. Koo<sup>2</sup>, K.H. Lim<sup>2</sup>, J.A. Latiff<sup>2</sup>, H.S. Chua<sup>2</sup>, T.H. Choon<sup>2</sup>, R. Banerjee<sup>2</sup>, M. Brady<sup>1</sup>, M. Kelly<sup>1</sup>, P. Chow<sup>2</sup>; <sup>1</sup>Oxford/UK, <sup>2</sup>Singapore/SG

**09:16 SS 5.4 Safety and efficacy of hepatic intra-arterial treatments in patients contraindicated for hepatectomy after portal vein embolization**

R. Bacquet<sup>1</sup>, M. Dioguardi Burgio<sup>2</sup>, L. Raynaud<sup>1</sup>, L. Paulatto<sup>3</sup>, A. Sibert<sup>1</sup>, L. Garzelli<sup>1</sup>, J. Gregory<sup>1</sup>, J.-C. Bijot<sup>1</sup>, A. Chouard<sup>1</sup>, V. Vilgrain<sup>1</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Paris/FR, <sup>3</sup>Montreuil/FR

**09:24 SS 5.6 Percutaneous management of benign biliary strictures after liver transplantation in pediatric patients: a single-center experience**



L. Dulcetta<sup>1</sup>, P. Marra<sup>1</sup>, F. Carbone<sup>1</sup>, R. Muglia<sup>1</sup>, P.A. Bonaffini<sup>1</sup>, S. Sironi<sup>2</sup>; <sup>1</sup>Bergamo/IT, <sup>2</sup>Milan/IT

**09:32 SS 5.7 To retrospectively report 10-year experience in diagnostic and interventional imaging versus conservative management of pediatric acquired arterioportal fistulas**

B. Di Fazio, P. Marra, F. Carbone, L. Dulcetta, P.A. Bonaffini, S. Sironi; Bergamo/IT

**09:40 SS 5.8 Percutaneous stenting of malignant biliary hilar obstructions using the moving cell stent: a single-center experience**

F. Cortese, F. Acquafredda, A. Mardighian, M.T. Zurlo, M. Conticchio, R. Memeo, R. Inchingolo; Acquaviva delle Fonti/IT

**09:48 SS 5.9 Analysis of postpancreatectomy hemorrhage outcomes after interventional radiology treatment**



F. Mambrin, H. Nguyen, C. Gasparini, A. Contro, G. Mansueto, R. De Robertis Lombardi; Verona/IT

**09:56 SS 5.10 Completeness of reporting in abstracts of published liver interventional radiology randomized controlled trials**

J. Gregory<sup>1</sup>, I. Boutron<sup>2</sup>, V. Vilgrain<sup>1</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Paris/FR

**09:00 – 10:30 / Scientific Session**

**SS 6**

**Auditorium VIII**

**Bowel inflammation**

Moderators: J. Brito, Faro/PT; K. De Paepe, Cambridge/UK

**09:00 SS 6.1 Diagnostic performance of magnetic resonance enterography disease activity indices compared with a histological reference standard for adult Crohn's disease: experience from the METRIC trial**



S. Kumar, T. Parry, S. Mallett, G. Bhatnagar, A. Plumb, S. Halligan, S. Taylor, . METRIC study Investigators; London/UK

**09:08 SS 6.2 Diagnostic performance of apparent diffusion coefficient to assess therapeutic response to biological therapy in Crohn's disease**

J. Rimola<sup>1</sup>, N. Capozzi<sup>2</sup>, A. Fernandez-Clotet<sup>1</sup>, S. Rodriguez<sup>1</sup>, B. Caballo<sup>1</sup>, I. Ordás<sup>1</sup>, J. Panes<sup>1</sup>; <sup>1</sup>Barcelona/ES, <sup>2</sup>Bologna/IT

**09:16 SS 6.4 MR elastography of the ileocecal mesentery in Crohn's disease**

K.J. Beek, N.P. Wassenaar, A.-S. van Schelt, J. Runge, J. Stoker; Amsterdam/NL

**09:24 SS 6.5 Crohn's disease: evaluation of intestinal fibrosis by fibroblast-activating protein inhibitor-PET-MR-enterography**

M. Scharitzer, A. Beer, T. Mang, A. Haug, L.W. Unger, W. Reinisch, M. Weber, L. Nics, T. Nakuz, M. Hacker, M. Bergmann, S. Rasul; Vienna/AT

**09:32 SS 6.6 Untangling and segmenting the small intestine in 3D cine-MRI using deep learning**

L.D. van Harten, C.S. de Jonge, K.J. Beek, I. Išgum, J. Stoker; Amsterdam/NL

**09:40 SS 6.7 Comparative evaluation of perianal fistula by MR sequences with surgical reference**

H. Özen Atalay, L. Soydan; Istanbul/TR

**09:48 SS 6.8 Interobserver agreement of MAGNIFI-CD index and radiological visual analogue scale of disease activity in patients with perianal fistulizing Crohn's disease**

K.J. Beek, L. Mulders, K. Horsthuis, J. Tielbeek, C. Buskens, K. Gecse, G.R. D'Haens, J. Stoker; Amsterdam/NL

**09:56 SS 6.9 Bowel involvement is related to systemic inflammatory response in COVID-19 patients**

N. Chaniotaki, K. Dionysopoulos, G. Schinas, P. Zampakis, M. Marangos, K. Akinosoglou, C. Kalogeropoulou; Patras/GR

## 11:00 – 12:30 / School of ESGAR

### SOE 3

#### Acute abdomen: a pain in the pancreas!

Moderators: M.A. Bali, Brussels/BE; P. Boraschi, Pisa/IT

### Auditorium I



**11:00 'Hot' pancreas – where to begin?**

T. Bollen, Nieuwegein/NL

**11:30 'Cold' pancreas – where to begin?**

M. Pezzullo, Brussels/BE

**12:00 Case-based discussion**

## 11:00 – 12:30 / Image Guided Therapy

### IGT 2

### Auditorium VI

#### HCC – Role of radiology for diagnosis and treatment



Moderators: V. Vilgrain, Clichy/FR; A. Forner, Barcelona/ES

**11:00 Staging of HCC with LI-RADS and the BCLC Treatment Algorithm**

C. Ayuso, Barcelona/ES

**11:20 Classical HCC IR toolbox**

T. Helmberger, Munich/DE

**11:40 New systemic treatments and how they may interact with IR**

L. Tselikas, Villejuif/FR

**12:00 Case-based discussion**

## 11:00 – 12:00 / ESGAR Tutorials

### ET 22

### Auditorium II

#### Anatomical variants of the hepatic vessels and bile ducts: implications for surgery



M. Karçaaltıncaba, Ankara/TR; G. Morana, Treviso/IT

## 11:00 – 12:30 / Scientific Session

### SS 7

### Auditorium III

#### Pancreas

Moderators: J. Hermans, Nijmegen/NL; G. Zamboni, Verona/IT

**11:00 SS 7.1 Arterial bleeding complicating acute necrotizing pancreatitis: risk factors and predictive features**

A. Guilloux, M. Ronot, A. Jemal Turki, I. Bouktif, M. Gasperment, P. Levy, L. de Mestier, F. Maire, B. Jais, V. Rebours, D. Lorenzo; Clichy/FR

**11:08 SS 7.2 Fat stranding in acute pancreatitis can be a marker of severity. Is it influenced by the fat content of the body?**

N. Faluhelyi, U. Straube, R. Pilisi, P. Bogner; Pecs/HU

**11:16 SS 7.3 Can preoperative CT scan and bioimpedance vector analysis help to predict the development of postoperative pancreatic fistula?**

C. Maino<sup>1</sup>, T. Giandola<sup>2</sup>, M. Ragusi<sup>2</sup>, R. Corso<sup>2</sup>, C. Talei Franzesi<sup>1</sup>; <sup>1</sup>Milan/IT, <sup>2</sup>Monza/IT

**11:24 SS 7.4 Quantitative imaging analysis predicts pancreatic fatty infiltration on routine CT**

C. Previtali<sup>1</sup>, R. Sartoris<sup>2</sup>, M. Dioguardi Burgio<sup>1</sup>, A. Couvelard<sup>2</sup>, V. Rebours<sup>2</sup>, A. Sauvanet<sup>2</sup>, V. Vilgrain<sup>2</sup>, M. Ronot<sup>2</sup>; <sup>1</sup>Paris/FR, <sup>2</sup>Clichy/FR

**11:32 SS 7.5 Histopathologic correlation of magnetic resonance T1 signal intensity and enhancement ratio of pancreas with pancreatic fibrosis: comparison with Cambridge Classification**

T. Tirkes, O. Saeed, V. Osuji, C. Kranz, A. A. Roth, N. Zyromski, E. Fogel; Indianapolis, IN/US

**11:40 SS 7.6 High prevalence of multi-organ steatosis and fibroinflammation, identified by multiparametric magnetic resonance imaging, in people with type 2 diabetes**

N. Eichert<sup>1</sup>, K. Gibbons<sup>1</sup>, A. Hamid<sup>2</sup>, R. Ramkhelawon<sup>3</sup>, J. Woolgar<sup>1</sup>, R. Suriano<sup>1</sup>, M. Pansini<sup>1</sup>, H. Thomaidis-Brears<sup>1</sup>, R. Banerjee<sup>1</sup>, G. Kemp<sup>1</sup>, S. Ali<sup>3</sup>, G. Thanabalasingham<sup>1</sup>, D.J. Cuthbertson<sup>1</sup>; <sup>1</sup>Oxford/UK, <sup>2</sup>Liverpool/UK, <sup>3</sup>London/UK

**11:48 SS 7.7 Breathing task paradigm to improve the quality of pancreatic magnetic resonance elastography**

N.P. Wassenaar<sup>1</sup>, A.-S. van Schelt<sup>1</sup>, E.M. Schrauben<sup>1</sup>, R. van der Woude<sup>1</sup>, J.E. de Jong<sup>1</sup>, J.L. Nelissen<sup>1</sup>, H.W. van Laarhoven<sup>1</sup>, J. Guo<sup>2</sup>, I. Sack<sup>2</sup>, J. Runge<sup>1</sup>, A.J. Nederveen<sup>1</sup>, J. Stoker<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Berlin/DE

**11:56 SS 7.8 Feasibility of compressed sensing accelerated Ristretto magnetic resonance elastography in the pancreas**

A.-S. van Schelt<sup>1</sup>, N.P. Wassenaar<sup>1</sup>, J. Runge<sup>1</sup>, M. Troelstra<sup>2</sup>, J.L. Nelissen<sup>1</sup>, C. Guenther<sup>3</sup>, R. Sinkus<sup>4</sup>, J. Stoker<sup>1</sup>, A.J. Nederveen<sup>1</sup>, E.M. Schrauben<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>London/UK, <sup>3</sup>Zurich/CH, <sup>4</sup>Paris/FR

**12:04 SS 7.9 Abdominal imaging manifestations in COVID-19 and mucormycosis superinfection: experience from a tertiary care hospital in India**

H. Goyal, B. Sureka, P. Khera, P. Garg, T. Yadav, S. Tiwari, A. Agarwal, V. Varshney, R. Rajagopal, M. K. Garg, M. Banerjee, N. Kothari, A. Agarwal, G. Choudhary; Jodhpur/IN

**12:12 SS 7.10 The relationship of pancreatic and hepatic steatosis assessed on CT with COVID-19 pneumonia severity score and prognosis**

H. Dogan<sup>1</sup>, E. Uzer<sup>1</sup>, O.T. Esengur<sup>1</sup>, H. Hassoy<sup>2</sup>, S. Guneyli<sup>2</sup>; <sup>1</sup>Istanbul/TR, <sup>2</sup>Izmir/TR

**11:00 – 12:30 / Scientific Session**

**SS 8**

**Auditorium VIII**

**Biliary tract/NET**

Moderators: B. Op De Beeck, Edegem/BE; L. Grazioli, Brescia/IT

**11:00 SS 8.2 Simple diagnosis of relevant strictures in primary sclerosing cholangitis patients using gadoxetic acid-enhanced MRI**

S. Pötter-Lang, N. Bastati-Huber, A. Messner, A. Kristic, R. Ambros, A. Ba-Ssalamah; Vienna/AT

**11:08 SS 8.3 Development and assessment of prognostic value and agreement of a novel MRCP score for patients with primary sclerosing cholangitis**

A. Grigoriadis<sup>1</sup>, K.I. Ringe<sup>2</sup>, J. Bengtsson<sup>3</sup>, E. Baubeta-Fridh<sup>3</sup>, C. Forsman<sup>4</sup>, N. Korsavidou-Hult<sup>4</sup>, F. Rorsman<sup>4</sup>, E. Nilsson<sup>3</sup>, A. Bergquist<sup>1</sup>, N. Kartalis<sup>1</sup>; <sup>1</sup>Stockholm/SE, <sup>2</sup>Hannover/DE, <sup>3</sup>Lund/SE, <sup>4</sup>Uppsala/SE

**11:16 SS 8.4 Changes in ductal disease captured by quantitative magnetic resonance cholangiopancreatography in primary sclerosing cholangitis**

P.J. Trivedi<sup>1</sup>, K. Arndtz<sup>1</sup>, N. Abbas<sup>1</sup>, M. Pansini<sup>2</sup>, A. Telford<sup>2</sup>, L. Young<sup>2</sup>, C. Ferreira<sup>3</sup>, R. Banerjee<sup>2</sup>, P. Eddowes<sup>4</sup>, K.S. Jhaveri<sup>5</sup>, G.M. Hirschfield<sup>5</sup>; <sup>1</sup>Birmingham/UK, <sup>2</sup>Oxford/UK, <sup>3</sup>Aveiro/PT, <sup>4</sup>Nottingham/UK, <sup>5</sup>Toronto, ON/CA

**11:24 SS 8.5 Prediction of intracholecystic papillary neoplasm with associated invasive carcinoma of the gallbladder using preoperative contrast-enhanced computed tomography and ultrasound**

J.H. Kim, H.-J. Kang, J. Bae, J.H. Kim; Seoul/KR

**11:32 SS 8.6 Metastatic pattern of carcinoma gallbladder on abdominal CT scan and its prognostic impact**

G.R. Agarwal, Y. Gupta, N. Singh, S. Narayan, R. Yagnik, A. Gandhi, G. Gupta, P. Singh; Lucknow/IN

**11:40 SS 8.7 Changes in volumetric enhancing tumor burden on CT predicts survival outcomes in patients with neuroendocrine liver metastases after intra-arterial treatments**

J. Assouline<sup>1</sup>, R. Cannella<sup>2</sup>, G. Porrello<sup>2</sup>, L. de Louis<sup>1</sup>, M. Dioguardi Burgio<sup>3</sup>, M.-P. Vullierme<sup>1</sup>, O. Hentic<sup>1</sup>, V. Vilgrain<sup>1</sup>, R. Duran<sup>4</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Palermo/IT, <sup>3</sup>Paris/FR, <sup>4</sup>Lausanne/CH

**11:48 SS 8.9 CT texture end contrast enhancement features in preoperative pancreatic neuroendocrine tumors prediction**

I. Gruzdev, V. Tikhonova, K. Zamyatina, V. Struchkov, E. Kondratyev, G. Karmazanovsky; Moscow/RU

**11:56 SS 8.10 Treatment assessment of PNET and NELM after everolimus by quantitative MRI parameters**

M.K. Ingenerf, J. Ricke, C. Auernhammer, S. Kiesel, J. Rübenthaler, F. Berger, C. Schmid-Tannwald; Munich/DE



**11:00 – 11:45 / ESGAR Tutorials**

**ET 23**

**CT colonography difficult cases**

#FROM MY WORKSTATION

T. Mang, Vienna/AT; P. Lefere, Roeselaere/BE

Room 5A



**12:00 – 12:45 / ESGAR Tutorials**

**ET 24**

**Vascular and biliary complications after liver transplant #SINGLE TOPIC**

A. Perez-Girbes, Valencia/ES; A. Samuilis, Vilnius/LT

Room 5A



**11:00 – 11:30 / Ultrasound Village**

**USV 9**

**US of the abdomen: Live demo on large screen**

J.B.C.M. Puylaert, The Hague/NL

Room 5C

**11:30 – 12:30 / Ultrasound Village**

**USV 10**

**Abdominal US Hands-on training (5 US machines, 5 models, 5 tutors)**

**Tutors:**

J.B.C.M. Puylaert, The Hague/NL  
I. Vanhooymissen, The Hague/NL  
M. Scheurkogel, The Hague/NL  
S. Robben, Maastricht/NL  
E. Coerkamp, The Hague/NL

Room 5C

**12:45 – 13:45 / Industry Symposium**

**SY 4**

**Industry-sponsored Symposium**

For details please refer to page 67.

Auditorium I

**12:45 – 13:30 / Tricky Cases**

**TC 2**

**Tricky cases from my day job**

Moderators: C. Reiner, Zurich/CH; K. De Paepe, Cambridge/UK

Auditorium II

**12:45 What's going on in the pancreas?**

P. Rodríguez Carnero, Madrid/ES

**12:54 Do not forget the basics**

C. Maino, Milan/IT

**13:03 A different cyst**

B. Rea, Sheffield/UK

**13:12 Motor vehicle injury**

M. Duczowska, Szczecin/PL

**13:21 Look for details: tricky biliary case!**

F. Castagnoli, Brescia/IT

**12:45 – 13:45 / Research Tutorials**

**RT 2**

**Reading another AI paper? – what to really look for**

Moderators: M. Maas, Amsterdam/NL; I. Santiago, Lisbon/PT

Auditorium III



**12:45 Reading another AI paper? – what to really look for**

N. Papanikolaou, Lisbon/PT

**13:25 Questions and answers**

**14:00 – 15:30 / Ultrasound Village**

**USV 11**

**Keynote Lectures**

Room 5C

**14:00 US of acute paediatric abdomen**

S. Robben, Maastricht/NL

**14:45 US of acute urological abdomen**

I. Vanhooymissen, The Hague/NL

**14:30 – 16:00 / Lecture Session**

**LS 7**

**Auditorium I**



**In and around the duodenum**

Moderators: A. Torregrosa Andrés, Valencia/ES;  
D. Ippolito, Monza/IT

**14:30 Unique pathology of this bowel segment**

D. Ramos Andrade, Coimbra/PT

**14:50 Other benign conditions**

A.R. Radmard, Tehran/IR

**15:10 Malignant tumours**

R. Cannella, Palermo/IT

**15:30 Case-based discussion**

**14:30 – 16:00 / Lecture Session**

**LS 8**

**Auditorium VI**



**Tumour response in abdominal imaging: how to appraise?**

Moderators: V. Herédia, Evora/PT; E. Chartampilas, Thessaloniki/GR

**14:30 Colorectal liver metastases**

W. Schima, Vienna/AT

**14:50 Pancreatic cancer**

E. Soloff, Seattle, WA/US

**15:10 GIST**

D. Regge, Turin/IT

**15:30 Case-based discussion**

**14:30 – 15:15 / ESGAR Tutorials**

**ET 25**

**Auditorium II**



**Optimising your CT technique in acute abdomen: the ESGAR/ESUR guideline**

M. Zins, Paris/FR; I. Millet, Montpellier/FR

**15:30 – 16:15 / ESGAR Tutorials**

**ET 26**

**Auditorium II**



**New insights on imaging and management of gallbladder polyps: the ESGAR guideline**

**#SINGLE TOPIC**

K. Foley, Cardiff/UK; M. Lahaye, Amsterdam/NL

**14:30 – 16:00 / Scientific Session**

**SS 9**

**Auditorium III**

**Small bowel and colon**

Moderators: M. Ronot, Clichy/FR; P. Rodríguez Carnero, Madrid/ES

**14:30 SS 9.1 Factors predicting transmural necrosis in patients with acute mesenteric venous thrombosis**

E. Salahshour<sup>1</sup>, E. Shaker<sup>1</sup>, A. Abkhoo<sup>1</sup>, F. Shojaeshafiei<sup>2</sup>, N. Ayooobi Yazdi<sup>1</sup>; <sup>1</sup>Tehran/IR, <sup>2</sup>Ramsar/IR

**14:38 SS 9.2 Acute mesenteric ischemia: diagnostic value of QT parameters and their relationship with CT findings**

B. Alan, S. Gurel, S. Alan; Bolu/TR

**14:46 SS 9.3 Are qualitative and quantitative CT parameters prognostic in non-occlusive mesenteric ischemia?**

B. Alan, S. Gurel; Bolu/TR

**14:54 SS 9.4 Reperfusion injury on computed tomography following endovascular revascularization of early acute mesenteric ischemia: incidence, risks factors and outcome**

L. Garzelli<sup>1</sup>, A. Nuzzo<sup>1</sup>, A. Hamon<sup>1</sup>, I. Ben Abdallah<sup>2</sup>, L. Paulatto<sup>1</sup>, L. Raynaud<sup>1</sup>, Y. Castier<sup>2</sup>, Y. Panis<sup>1</sup>, O. Corcos<sup>1</sup>, V. Vilgrain<sup>1</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Paris/FR

**15:02 SS 9.5 Beyond chest: ischemic and hemorrhagic complications of the abdomen in COVID-19 patients**

P.N. Franco<sup>1</sup>, P. Bonaffini<sup>1</sup>, A. Bonanomi<sup>1</sup>, C. Valle<sup>1</sup>, P. Marra<sup>1</sup>, S. Sironi<sup>2</sup>; <sup>1</sup>Bergamo/IT, <sup>2</sup>Milan/IT

**15:10 SS 9.6 Endovascular thrombectomy for the revascularization of acute occlusive arterial mesenteric ischemia: no benefit of mechanical over manual thrombectomy**

L. Garzelli<sup>1</sup>, I. Ben Abdallah<sup>2</sup>, A. Nuzzo<sup>1</sup>, J. Gregory<sup>1</sup>, L. Paulatto<sup>1</sup>, J.-C. Bijot<sup>1</sup>, L. Raynaud<sup>1</sup>, M. Dioguardi Burgio<sup>2</sup>, V. Vilgrain<sup>1</sup>, O. Corcos<sup>1</sup>, Y. Castier<sup>2</sup>, M. Ronot<sup>1</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Paris/FR

**15:18 SS 9.8 Added value of positive intraluminal contrast CT over fluoroscopic examination for detecting gastrointestinal leakage after gastrointestinal surgery**

S.H. Kim, M.G. Kim, S.K. Jeon, S. Han; Seoul/KR

**15:26 SS 9.9 Correlation of CT radiomic features for GISTs with the pathological classification and molecular subtypes: preliminary and monocentric experience**

D. Palatresi, F. Fedeli, G. Danti, G. Grazzini, S. Pradella, V. Miele; Florence/IT



# THURSDAY, JUNE 2, 2022

**15:34 SS 9.10 Reclassifying abdominal non-uterine leiomyosarcoma: using a radiological anatomic approach with implications for patient outcomes**  
U. Tarique<sup>1</sup>, D. Cyr<sup>1</sup>, C. Morosi<sup>2</sup>, G. Greco<sup>2</sup>, B. Dickson<sup>1</sup>, R. Gladdy<sup>1</sup>, D. Collegaro<sup>2</sup>, A. Gronchi<sup>2</sup>, C. Swallow<sup>1</sup>, [K. Khaliji](#)<sup>1</sup>;  
<sup>1</sup>Toronto, ON/CA, <sup>2</sup>Milan/IT

## 14:30 – 16:00 / School of ESGAR

### SOE 4

### Auditorium VIII

#### Hot livers and gallbladders

Moderators: S. Sen, Kolkata/IN; M. Özmen, Ankara/TR



#### 14:30 Cholecystitis and mimickers

D. Veiga Canuto, Valencia/ES

#### 15:00 Is it a liver abscess?

A. Luciani, Créteil/FR

#### 15:30 Case-based discussion

## 15:30 – 16:30 / Ultrasound Village

### USV 12

### Room 5C

#### Abdominal US Hands-on training (5 US machines, 5 models, 5 tutors)

#### Tutors:

J.B.C.M. Puylaert, The Hague/NL

I. Vanhooymissen, The Hague/NL

M. Scheurkogel, The Hague/NL

S. Robben, Maastricht/NL

E. Coerkamp, The Hague/NL

## 16:30 – 17:00 / Honorary Lecture

### HL 3

### Auditorium I

#### SAR Honorary Lecture

Moderator: A. Laghi, Rome/IT

#### Imaging evaluation before surgical resection

K.M. Elsayes, Houston, TX/US

## 17:00 – 18:00 / Plenary Session

### PS 3

### Auditorium I

#### Clinical Files Session: live interpretation of abdominal cases



Moderator: G. Brancatelli, Palermo/IT

#### Panellists:

N. Bastati-Huber, Vienna/AT

K. Cortis, Msida/MT

R. Pozzi Mucelli, Stockholm/SE

F. Wessels, Utrecht/NL

# PROGRAMME OVERVIEW – FRIDAY, JUNE 3, 2022

|             | Auditorium I                                                                       | Auditorium VI                                                                      | Auditorium II                                                                    | Auditorium III                                          | Auditorium VIII                                           | Room 5A                                                                        | Room 5C                            |
|-------------|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------|------------------------------------|
| 08:00-08:30 | <b>ET 27</b><br>Intraductal papillary mucinous neoplasms of the pancreas           | <b>ET 28</b><br>AI for abdominal radiologists: cases from daily practice           | <b>ET 29</b><br>Imaging post IR treatment of liver tumours – pearls and pitfalls | <b>ET 30</b><br>Abdominal manifestations of Covid-19    | <b>ET 31</b><br>MR Imaging of fistula-in-ano              | <b>ET 32</b><br>Current recommendations for abdominal imaging during pregnancy |                                    |
| 08:30-09:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 09:00-09:30 |                                                                                    |                                                                                    | <b>ET 33</b><br>Interactive cases for aces: small bowel and uterus               |                                                         |                                                           |                                                                                |                                    |
| 09:30-10:00 | <b>LS 9</b><br>Spectrum of biliary diseases: what is new?                          | <b>LS 10</b><br>It's back: local recurrence and regrowth in colorectal cancer      |                                                                                  | <b>SS 10</b><br>Hepatocellular carcinoma/liver function | <b>SS 11</b><br>Rectal cancer/colorectal liver metastases |                                                                                | <b>USV 13</b><br>Keynote Lecture   |
| 10:00-10:30 |                                                                                    |                                                                                    | <b>ET 34</b><br>Imaging complications of bariatric surgery                       |                                                         |                                                           |                                                                                |                                    |
| 10:30-11:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 11:00-11:30 | <b>SOE 5</b><br>Postoperative imaging of the upper abdomen                         | <b>ET 35</b><br>Optimising reporting of cross-sectional imaging in Crohn's disease | <b>IGT 3</b><br>Acute abdominal haemorrhage                                      | <b>SS 12</b><br>Peritoneum/technique                    |                                                           | <b>ET 36</b><br>Autoimmune pancreatitis                                        | <b>USV 14</b><br>Keynote Lecture   |
| 11:30-12:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 12:00-12:30 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                | <b>USV 15</b><br>Hands-on Training |
| 12:30-13:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 13:00-13:30 | Industry Symposium                                                                 |                                                                                    |                                                                                  | <b>RT 3</b><br>Writing the perfect paper review         |                                                           |                                                                                |                                    |
| 13:30-14:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 14:00-14:30 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 14:30-15:00 | <b>PS 4 &amp; 5</b><br>Nick Gourtsyianis' Foundation Course – Rad-path correlation |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 15:00-15:30 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |
| 15:30-16:00 |                                                                                    |                                                                                    |                                                                                  |                                                         |                                                           |                                                                                |                                    |

## 08:00 – 08:45 / ESGAR Tutorials

**ET 27** Auditorium I  
**Intraductal papillary mucinous neoplasms of the pancreas: the pandemic in the upper abdomen** #LVL II  
C. Matos, Lisbon/PT; M. D'Onofrio, Verona/IT

**ET 28** Auditorium VI  
**AI for abdominal radiologists: cases from daily practice #FROM MY WORKSTATION** #LVL II  
J. Van Griethuysen, Amsterdam/NL; N. Papanikolaou, Lisbon/PT

**ET 29** Auditorium II  
**Imaging post IR treatment of liver tumours – pearls and pitfalls** #LVL II  
S. Mulé, Crèteil/FR; M. Maurer, Bern/CH

**ET 30** Auditorium III  
**Abdominal manifestations of Covid-19** #LVL II  
D. Caruso, Rome/IT; A. Arjonilla, Madrid/ES

**ET 31** Auditorium VIII  
**MR Imaging of fistula-in-ano** #LVL II  
A. Negård, Lørenskog/NO; J. Stoker, Amsterdam/NL

**ET 32** Room 5A  
**Current recommendations for abdominal imaging during pregnancy** #LVL II  
C. Bourgioti, Athens/GR; R. Wiles, Liverpool/UK

## 09:00 – 10:30 / Lecture Session

**LS 9** Auditorium I  
**Spectrum of biliary diseases: what is new?** #LVL II  
Moderators: J.M. Lee, Seoul/KR; L. Grazioli, Brescia/IT

**09:00 Primary and secondary cholangitis: tips for differentiation**  
M.A. Bali, Brussels/BE

**09:15 Pre-neoplastic biliary lesion: intraductal papillary biliary neoplasm**  
B. Henninger, Innsbruck/AT

**09:30 Intrahepatic cholangiocarcinoma: update**  
J.H. Yoon, Seoul/KR

**09:45 Case-based discussion**

## 09:00 – 10:30 / Lecture Session

**LS 10** Auditorium VI  
**It's back: local recurrence and regrowth in colorectal cancer** #LVL II  
Moderators: C. Hoeffel, Reims/FR; S. Rafaelsen, Vejle/DK

**09:00 Clinical significance of local relapse after colorectal cancer surgery**  
M. Gollub, New York, NY/US

**09:20 Imaging of local recurrence after surgery**  
I. Santiago, Lisbon/PT

**09:40 Regrowth during watch & wait**  
M. Maas, Amsterdam/NL

**10:00 Case-based discussion**

## 09:00 – 09:45 / ESGAR Tutorials

**ET 33** Auditorium II  
**Interactive cases for aces: small bowel and uterus** #LVL II  
C. Menias, Phoenix, AZ/US; M.M. Otero-García, Vigo/ES

## 10:00 – 10:45 / ESGAR Tutorials

**ET 34** Auditorium II  
**Imaging complications of bariatric surgery** #LVL II  
D. Blunt, London/UK; M. Obmann, Basel/CH

## 09:00 – 10:30 / Scientific Session

**SS 10** Auditorium III  
**Hepatocellular carcinoma/liver function**  
Moderators: B. Van Beers, Clichy/FR; A. Torregrosa Andrés, Valencia/ES

**09:00 SS 10.1 Sarcopenia impairs survival and treatment efficacy in patients with hepatocellular carcinoma undergoing immunotherapy**  
K. Lampichler, K. Pomej, L. Beer, L. Balcar, T. Meischl, C. Müller, M. Trauner, M. Scharitzer, D. Tamandl, B. Scheiner, M. Pinter, Vienna/AT



**09:08 SS 10.2 Prognostic values of LI-RADS categories vs. histopathological features in patients with solitary HCC undergoing hepatic resection: a multicentric study**

F. Matteini<sup>1</sup>, R. Cannella<sup>1</sup>, R. Sartoris<sup>2</sup>, M. Dioguardi Burgio<sup>3</sup>, S. Mulé<sup>4</sup>, M. Wagner<sup>3</sup>, J.-C. Nault<sup>5</sup>, F. Cauchy<sup>3</sup>, O. Scatton<sup>3</sup>, A. Laurent<sup>4</sup>, O. Seror<sup>5</sup>, A. Luciani<sup>4</sup>, V. Vilgrain<sup>2</sup>, M. Ronot<sup>2</sup>; <sup>1</sup>Palermo/IT, <sup>2</sup>Clichy/FR, <sup>3</sup>Paris/FR, <sup>4</sup>Créteil/FR, <sup>5</sup>Bobigny/FR

**09:16 SS 10.3 Hepatocellular carcinoma treated by stereotactic ablative radiotherapy: response assessment and imaging features on MRI**

C. Corallo, A. Littlejohns, C. Podesta, R. Goody, N. Casanova, A. Scarsbrook, R. Albazaz; Leeds/UK

**09:24 SS 10.4 Can CT perfusion imaging predict tumor response to antiangiogenetic treatment in HCC patients?**

C. Maino, M. Ragusi, T. Giandola, R. Corso, C. Talei Franzesi; Monza/IT

**09:32 SS 10.5 Hepatocellular carcinoma in patients with non-alcoholic steatohepatitis is associated with heterogeneous pattern of fat infiltration in skeletal muscles**

M. Nachit<sup>1</sup>, M. Dioguardi Burgio<sup>2</sup>, A. Abyzov<sup>2</sup>, P. Garteiser<sup>2</sup>, V. Paradis<sup>3</sup>, V. Vilgrain<sup>3</sup>, I. Leclercq<sup>1</sup>, B. Van Beers<sup>3</sup>; <sup>1</sup>Brussels/BE, <sup>2</sup>Paris/FR, <sup>3</sup>Clichy/FR

**09:40 SS 10.6 Combined functional liver imaging score derived from gadoxetic acid-enhanced MRI and spleen size as predictors of mortality and hepatic decompensation in chronic liver disease**

N. Bastati-Huber, L. Beer, S. Pötter-Lang, T. Reiberger, M. Mandorfer, A. Ba-Ssalamah; Vienna/AT

**09:48 SS 10.7 Automated liver segmental volume ratio quantification on non-contrast T1-VIBE Dixon liver MRI using an artificial neural network**

L. Zbinden<sup>1</sup>, D. Catucci<sup>2</sup>, Y. Suter<sup>1</sup>, A. Berzigotti<sup>1</sup>, L. Ebner<sup>1</sup>, A. Christe<sup>1</sup>, V. Obmann<sup>1</sup>, R. Sznitman<sup>1</sup>, A. Huber<sup>1</sup>; <sup>1</sup>Bern/CH, <sup>2</sup>Herrenschwanden/CH

**09:56 SS 10.8 CT-based volumetry as complement to liver scintigraphy for the follow-up of auxiliary partial orthotopic liver transplantation**

A. Kirchner<sup>1</sup>, M. Ronot<sup>1</sup>, F. Dondero<sup>1</sup>, F. Durand<sup>1</sup>, M. Lesurtel<sup>1</sup>, R. Lebtahi<sup>1</sup>, V. Vilgrain<sup>1</sup>, M. Dioguardi Burgio<sup>2</sup>; <sup>1</sup>Clichy/FR, <sup>2</sup>Paris/FR

**10:04 SS 10.9 Evaluation of liver injury with MRI after chemotherapy**

L. Tomaiuolo, L. Geraci, C. Longo, M. Todesco, D. Autelitano, A. Carli, F. Cicalo', F. Moro, R. De Robertis, N. Cardobi, M. D'Onofrio; Verona/IT



**10:12 SS 10.10 Quantitative MRI in the evaluation of patients with non-alcoholic steatohepatitis**

F. Pucciarelli, M. Zerunian, M. Polici, B. Masci, E. Iannicelli, D. Caruso, A. Laghi; Rome/IT

**09:00 – 10:30 / Scientific Session**

**SS 11**

**Auditorium VIII**

**Rectal cancer/colorectal liver metastases**

Moderators: R. Basilico, Chieti/IT; W. Schima, Vienna/AT

**09:00 SS 11.1 Multireader comparison and validation of previously published MRI tumour response evaluation methods in rectal cancer**

N. El Khababi<sup>1</sup>, M.J. Lahaye<sup>1</sup>, M. Maas<sup>1</sup>, S. Nougaret<sup>2</sup>, L. Curvo-Semedo<sup>3</sup>, R. Tissier<sup>1</sup>, N. Bogveradze<sup>4</sup>, N.W. Schurink<sup>1</sup>, J. van Griethuysen<sup>1</sup>, R.G.H. Beets-Tan<sup>1</sup>, D. Lambregts<sup>1</sup>, +. Multicenter MRI rectal study group<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Montpellier/FR, <sup>3</sup>Coimbra/PT, <sup>4</sup>Tbilisi/GE

**09:08 SS 11.2 Impact of MR image quality on diagnostic performance to assess response after chemoradiotherapy in rectal cancer**

N. El Khababi<sup>1</sup>, M. Maas<sup>1</sup>, M.J. Lahaye<sup>1</sup>, S. Nougaret<sup>2</sup>, L. Curvo-Semedo<sup>3</sup>, R. Tissier<sup>1</sup>, N. Bogveradze<sup>4</sup>, N.W. Schurink<sup>1</sup>, J. van Griethuysen<sup>1</sup>, R.G.H. Beets-Tan<sup>1</sup>, D. Lambregts<sup>1</sup>, +. Multicenter MRI rectal study group<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Montpellier/FR, <sup>3</sup>Coimbra/PT, <sup>4</sup>Tbilisi/GE

**09:16 SS 11.3 Predicting response to chemoradiotherapy in rectal cancer via visual assessment on baseline staging MRI: a multicenter and multireader study**

N. El Khababi<sup>1</sup>, M.J. Lahaye<sup>1</sup>, M. Maas<sup>1</sup>, S. Nougaret<sup>2</sup>, L. Curvo-Semedo<sup>3</sup>, N. Bogveradze<sup>4</sup>, N.W. Schurink<sup>1</sup>, J. van Griethuysen<sup>1</sup>, R.G.H. Beets-Tan<sup>1</sup>, D. Lambregts<sup>1</sup>, +. Multicenter MRI rectal study group<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Montpellier/FR, <sup>3</sup>Coimbra/PT, <sup>4</sup>Tbilisi/GE

**09:24 SS 11.4 The definition of a near-complete response after neoadjuvant (chemo)radiotherapy for rectal cancer: results of an expert survey**

P. Custers, G.L. Beets, D. van der Reijdt, M. van Leerdam, B. van Triest, D. Lambregts, M. Maas; Amsterdam/NL

**09:32 SS 11.8 Impact of liver MRI in addition to CT on the local treatment plan of patients with colorectal liver metastases: a systematic review and meta-analysis**



B. Görgec<sup>1</sup>, I.M. Verpalen<sup>1</sup>, M. Abu Hilal<sup>1</sup>, S. Bipat<sup>1</sup>, C. Verhoef<sup>2</sup>, R.J. Swijnenburg<sup>1</sup>, M. Besselink<sup>1</sup>, J. Stoker<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Rotterdam/NL

**09:40 SS 11.9 Imaging characteristics of colorectal liver metastases before and after chemotherapy on gadoteric acid-enhanced MRI**



D. Van der Reijnd, E. Soykan, B. Heeres, D. Lambregts, T. Buffart, K. Kuhlmann, R.G.H. Beets-Tan, M. Maas, E. Klompenhouwer; Amsterdam/NL

**09:48 SS 11.10 External validation of a CT-based radiomics model for the prediction of local tumour progression after ablation in colorectal liver metastases**

D. Van der Reijnd<sup>1</sup>, F. Staal<sup>1</sup>, C. Guerenel<sup>1</sup>, M. Busard<sup>1</sup>, S. Benson<sup>1</sup>, M. Taghavi<sup>1</sup>, S. Roberti<sup>1</sup>, E. Klompenhouwer<sup>1</sup>, A. Moelker<sup>2</sup>, C. Verhoef<sup>2</sup>, M. Starmans<sup>2</sup>, R.G.H. Beets-Tan<sup>1</sup>, M. Maas<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Rotterdam/NL

**09:25 – 10:15 / Ultrasound Village**

**USV 13**

Room 5C

**Keynote Lecture**

**09:25 Welcome and introduction to the US Village**

J.B.C.M. Puylaert, The Hague/NL

**09:30 US of acute abdomen: RUQ**

E. Coerkamp, The Hague/NL

**11:00 – 12:30 / School of ESGAR**

**SOE 5**

Auditorium I

**Postoperative imaging of the upper abdomen**



Moderators: T. Lauenstein, Düsseldorf/DE; A. Negård, Lørenskog/NO

**11:00 Postoperative imaging of the liver**

V. Obmann, Bern/CH

**11:30 Postoperative imaging of the pancreas**

R. Fischbach, Hamburg/DE

**12:00 Case-based discussion**

**11:00 – 12:00 / ESGAR Tutorials**

**ET 35**

Auditorium VI

**Optimising reporting of cross-sectional imaging in Crohn's disease: the ECCO ESGAR Topical Review**



J. Rimola, Barcelona/ES; J. Tielbeek, Amsterdam/NL

**11:00 – 12:30 / Image Guided Therapy**

**IGT 3**

Auditorium II

**Acute abdominal haemorrhage**



Moderators: O. Akhan, Ankara/TR; R. Lukšaitė, Vilnius/LT

**11:00 Detection of haemorrhage – protocols that work**

S. Schindera, Aarau/CH

**11:15 Variceal upper GI haemorrhage**

A. Denys, Lausanne/CH

**11:30 Non-variceal upper GI haemorrhage**

R. Loffroy, Dijon/FR

**11:45 Non-traumatic haemorrhage in liver**

C. Stroszczyński, Regensburg/DE

**12:00 Panel discussion**

**11:00 – 12:30 / Scientific Session**

**SS 12**

Auditorium III

**Peritoneum/technique**

Moderators: V. Vandecaveye, Leuven/BE; S. Pötter-Lang, Vienna/AT

**11:00 SS 12.1 The value of providing a second read of external imaging for patients referred to a specialist peritoneal malignancy centre**



J. El-Sheikha, A. Bhagwanani, O. Duxbury, D. Patel, N. Shah, A. Thrower; Basingstoke/UK

**11:08 SS 12.2 FDG-PET/MRI for the preoperative diagnosis and staging of peritoneal carcinomatosis: a prospective multireader pilot study**

N. Vietti Violi<sup>1</sup>, S. Gavane<sup>2</sup>, P. Argiriadi<sup>2</sup>, A. Law<sup>2</sup>, S. Heiba<sup>2</sup>, M. Ghesani<sup>2</sup>, E. Bekhor<sup>3</sup>, J. Babb<sup>2</sup>, D. Labow<sup>2</sup>, B. Taouli<sup>2</sup>; <sup>1</sup>Lausanne/CH, <sup>2</sup>New York, NY/US, <sup>3</sup>Petah Tikva/IL

**11:16 SS 12.3 Dual-energy CT for the identification and quantification of peritoneal metastases: stepping forward CT contrast resolution**

G. Bagnacci, S. Guerrini, F. Gentili, L. Volterrani, M. Mazzei, L. Sansotta, I. Monteleone; Siena/IT

**11:24 SS 12.4 Deep-learning image reconstruction for low-dose liver CT**



A. Del Gaudio, G. Guido, D. Caruso, N. Ubaldi, D. Valanzuolo, G. Bona, D. Pugliese, A. Laghi; Rome/IT

**11:32 SS 12.5 Are dilution and slow injection with fluoroscopic triggering technique the solution to mitigating arterial-phase artifacts in gadoteric acid-enhanced liver MRI?**



R. Ambros, S. Pötter-Lang, A. Messner, A. Kristic, J.C. Hodge, N. Bastati-Huber, A. Ba-Ssalamah; Vienna/AT

**11:40 SS 12.6 Reduction of contrast agent volume and radiation dose in pancreatic dynamic CT by a combination of 90KVP tube voltage, high tube current modulation, and advanced iterative reconstruction algorithm**

M.S. Park, H.I. Ha, J.-H. Ahn; Anyang-si/KR

**11:48 SS 12.7 Comparison of CAIPIRINHA-VIBE and conventional-VIBE sequences in liver MRI**

M. Orvieto, D. Urso, F. Crimi, E. Quaia, F. Vernuccio; Padua/IT

**11:56 SS 12.8 Contribution of cine MRI sequences in local staging of esophageal cancer**



L. Haefliger, M. Jreige, N. Villard, C. Du Pasquier, J.-B. Ledoux, N. Vietti Violi, C. Dromain; Lausanne/CH

**12:04 SS 12.9 MR angiography with inflow-sensitive inversion recovery technique for upper abdominal arteries assessment: comparison with contrast-enhanced MRI and CT angiography**



C. Cazzella<sup>1</sup>, P. Bonaffini<sup>1</sup>, R. Simonini<sup>1</sup>, M. Porta<sup>2</sup>, C. Maino<sup>3</sup>, L. Dulcetta<sup>1</sup>, F. Carbone<sup>1</sup>, P. Marra<sup>1</sup>, P. Brambilla<sup>1</sup>, S. Sironi<sup>3</sup>; <sup>1</sup>Bergamo/IT, <sup>2</sup>Monza/IT, <sup>3</sup>Milan/IT

**11:00 – 11:45 / ESGAR Tutorials**

**ET 36**

**Room 5A**

**Autoimmune pancreatitis #FROM MY WORKSTATION**



C. Triantopoulou, Athens/GR; C. Valls, Stockholm/SE

**11:00 – 11:45 / Ultrasound Village**

**USV 14**

**Room 5C**

**Keynote Lecture**

**11:00 US of acute abdomen: RLQ**

J.B.C.M. Puylaert, The Hague/NL

**11:45 – 12:45 / Ultrasound Village**

**USV 15**

**Room 5C**

**Abdominal US Hands-on training (5 US machines, 5 models, 5 tutors)**

**Tutors:**

J.B.C.M. Puylaert, The Hague/NL  
I. Vanhooymissen, The Hague/NL  
S. Robben, Maastricht/NL  
E. Coerkamp, The Hague/NL  
W. Ibrahim, Jülich/DE

**12:34 - 13\_45 / Industry Symposium**

**SY 5**

**Auditorium I**

**Industry-sponsored Symposium**

For details please refer to page 63.

**12:45 – 13:45 / Research Tutorials**

**RT 3**

**Auditorium III**

**Writing the perfect paper review**



Moderators: S.A. Taylor, London/UK; M. Ronot, Clichy/FR

**12:45 Writing the perfect paper review**

Y. Menu, Paris/FR

**13:25 Questions and answers**

**14:00 – 15:00 / Plenary Session**

**PS 4**

**Auditorium I**

**Nick Gourtsoyiannis' Foundation Course 1 – Rad-path correlation: Pancreas**



Moderators: A. Torregrosa Andrés, Valencia/ES; V. Vandecaveye, Leuven/BE

**14:00 Pancreatic cystic tumours**

N. Kartalis, Stockholm/SE; R.C. Oliveira, Coimbra/PT

**14:30 Non-adenocarcinoma pancreatic solid tumours**

G. Zamboni, Verona/IT; R.C. Oliveira, Coimbra/PT

## 15:00 – 16:00 / Plenary Session

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**PS 5**

**Auditorium I**

**Nick Gourtsoyiannis' Foundation Course 2 –  
Rad-path correlation: GI tumours**



Moderators: A. Torregrosa Andrés, Valencia/ES; V. Vandecaveye, Leuven/BE

**15:00 Non-adenocarcinoma gastric cancer**

G. Tardáguila de la Fuente, Vigo/ES; S. Landolfi, Barcelona/ES

**15:30 Non-epithelial bowel tumours**

D. Armario, Barcelona/ES; S. Landolfi, Barcelona/ES

## SSD 1

### Miscellaneous

On Demand

**SSD 1.1 Safety of percutaneous, image-guided biopsy of hepatocellular carcinoma with and without concurrent ablation**

J. Tse<sup>1</sup>, K. Terashima<sup>2</sup>, L. Shen<sup>1</sup>, D. Lu<sup>3</sup>, S. Raman<sup>3</sup>;  
<sup>1</sup>Stanford, CA/US, <sup>2</sup>San Francisco, CA/US,  
<sup>3</sup>Los Angeles, CA/US

**SSD 1.2 Growth kinetics of pancreatic neuroendocrine tumors by histopathologic grade**

J. Tse, L. Shen, A. Kamaya; Stanford, CA/US

**SSD 1.3 Colonoscopy versus catheter angiography for lower gastrointestinal bleeding following localization on CT angiography**

J. Tse<sup>1</sup>, E. Felker<sup>2</sup>, G. Tse<sup>2</sup>, T. Liang<sup>1</sup>, J. Shen<sup>1</sup>, A. Kamaya<sup>1</sup>;  
<sup>1</sup>Stanford, CA/US, <sup>2</sup>Los Angeles, CA/US

**SSD 1.4 Application of apparent diffusion coefficients derived from intratumoral and peritumoral zone for assessing pathologic prognostic factors in rectal cancer**

H. Li, Y. Yuan, H. Pu; Chengdu/CN

**SSD 1.5 MRI assessment of rectal cancer response to neoadjuvant therapy: a multireader study**

J.B. Yuval<sup>1</sup>, S. Patil<sup>1</sup>, N. Gangai<sup>1</sup>, D.G. Akselrod<sup>2</sup>, A. Fung<sup>3</sup>, C.B. Harmath<sup>4</sup>, R. Kampalath<sup>5</sup>, K. Krehbiel<sup>6</sup>, S. Lee<sup>5</sup>, P.S. Liu<sup>7</sup>, J.D. Millet<sup>8</sup>, R.B. O'Malley<sup>9</sup>, A.S. Purysko<sup>7</sup>, J.C. Veniero<sup>7</sup>, A.P. Wasnik<sup>8</sup>, J. Garcia-Aguilar<sup>1</sup>, M.J. Gollub<sup>1</sup>; <sup>1</sup>New York, NY/US, <sup>2</sup>Burlington, VT/US, <sup>3</sup>Portland, OR/US, <sup>4</sup>Chicago, IL/US, <sup>5</sup>Irvine, CA/US, <sup>6</sup>Omaha, NE/US, <sup>7</sup>Cleveland, OH/US, <sup>8</sup>Ann Arbor, MI/US, <sup>9</sup>Seattle, WA/US

**SSD 1.6 CT with deep-learning denoising model in participants at high risk for HCC: prospective, randomized, single-blinded preliminary study**

H.-J. Kang, J.M. Lee, J.H. Kim, S. Han; Seoul/KR

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 G. Porrello, R. Cannella, G. Brancatelli; Palermo/IT
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J. Facas, J. Costa, A. Agostinho, P. Donato; Coimbra/PT
- EE-004** **Abdominal vascular compression syndromes – From CT to the other imaging techniques**  
 V.F. Mendes<sup>1</sup>, R. Cordeiro<sup>2</sup>, J. Santos Silva<sup>1</sup>, T. Oliveira<sup>1</sup>, A. Estevão<sup>1</sup>, P. Donato<sup>1</sup>; <sup>1</sup>Coimbra/PT, <sup>2</sup>Ponta Delgada/PT
- EE-005** **Portal hypertension: the radiological diagnosis approach**  
J. Vieira, A. Pinto, A. Mesquita, P. Cordeiro; Ponta Delgada/PT
- EE-006** **One angle, two syndromes: aortomesenteric angle**  
U. Gulturk, E. Hocaoglu, E. Inci; Istanbul/TR
- EE-007** **Imaging the inferior vena cava: a review of key MDCT findings**  
O.-S. Garbea; Cluj Napoca/RO

## ACUTE ABDOMEN

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- EE-008** **Mind the bubbles: a case-based review of emphysematous infections of the abdomen and pelvis**  
P.M. Sousa, A. Primitivo, A.C. Ferreira; Loures/PT
- EE-009** **Acute appendicitis at the light of the Nijmegen Consensus Conference**  
J.-P. Tasu, N. Beydoun, A. Guerrab, S. Velasco, G. Herpe; Poitiers/FR
- EE-010** **Acute pancreatitis – Complications not to miss**  
A.Q. Fonseca, A.L. Proença; Lisbon/PT
- EE-011** **Intestinal volvulus: a potentially fatal twist**  
P. Carvalho Almeida, C. Casanova, R.G. Santos, L. Amaral Ferreira, P. Donato; Coimbra/PT
- EE-012** **Acute right upper quadrant pain: imaging pitfalls and pearls**  
D. Kotecha, M. Amir, J. Pancholi, K. Kim, V. Rudralingam; Manchester/UK
- EE-013** **CT findings of complications from acute cholecystitis: a pictorial review**  
F. Sandomenico, E. Laverde, L. Sanduzzi, E. Vicenzo, L. Pirolo, F.R. Setola, U. Dello Iacono, S. Maione, V. Macchia, A. Brunetti; Naples/IT

- EE-015** **Pediatric abdominal trauma – Imaging and findings**  
R. Pina-Prata, A. Forjaco, P. Riesenberger, A. Nunes; Lisbon/PT
- EE-016** **Ingested fishbone complications: what to look for in a CT scan**  
M.V. Dias, S. Teixeira, H. Gomes, J. Monteiro, D. Cardoso, D. Silva; Viseu/PT
- EE-017** **Epiploic appendagitis, a rare cause of abdominal pain**  
M.V. Dias, S. Teixeira, H. Gomes, J. Monteiro, D. Cardoso, D. Silva; Viseu/PT
- EE-018** **The mystical mesenteric arteries: unwinding the magic through a radiologist's perspective**  
P. Malik, P. Garg, T. Yadav, B. Sureka, P. Khera, S. Tiwari, A. Hegde, S. Saxena; Jodhpur/IN
- EE-019** **Foreign body GI perforation – A bone to pick?**  
 S. Patel, P. Brown, D. Murray, M. Steward, D. Sadigh, C.M. Onnie, H. Mukhtar; London/UK
- EE-020** **Imaging of acute mesenteric ischemia: a pictorial review**  
J. Sousa, B. Giesteira, A. Alves, W. Schmitt; Porto/PT
- EE-021** **Acute low back pain (ALBP): a review of clinical and imaging features of main extra-axial causes**  
B. Di Fazio<sup>1</sup>, E. Piccin<sup>1</sup>, P.A. Bonaffini<sup>2</sup>, C. Valle<sup>1</sup>, R. Cosentini<sup>1</sup>, S. Sironi<sup>1</sup>, C. Bandini<sup>1</sup>; <sup>1</sup>Milan/IT, <sup>2</sup>Bergamo/IT
- EE-023** **Role of diagnostic and interventional radiology in acute abdominal conditions**  
S. Shikhare, S. Srinivasan; Singapore/SG
- EE-024** **Acute right lower quadrant pain in pediatric patients – A diagnostic dilemma**  
D. Dryga; Kyiv/UA
- EE-025** **Lower gastrointestinal bleeding due to Non-Steroid Anti-Inflammatory Drugs (NSAIDs)-induced colopathy**  
A. Pugliesi, B.M. Karim; Ludwigsburg/DE



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E. Yuan, Z. Ye, B. Song; Chengdu/CN
- EE-027** **Introduction into artificial intelligence with emphasis on hepatic imaging**  
M.D. Pomohaci, M.C. Grasu, D. Popescu, I.G. Lupescu; Bucharest/RO





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 [M. Drucker Jarovich](#), K. Khalili, C. O'Brien; Toronto, ON/CA
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 [E. Hoyles](#), M. Sukhanenko, B. Rea; Sheffield/UK
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[I. Puig Povedano](#), A. Güell Barà, D. Leiva Pedraza, J. Torras Torra, G.C. Rivera Sierra, D. Nova Vaca, E. Alba Rey; L'Hospitalet de Llobregat/ES
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[P. Penalver-Calero](#), S. Martin-Garre, R. Mendez; Madrid/ES
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[G. Reddy Poreddy](#)<sup>1</sup>, B. Sureka<sup>2</sup>, N. Mangaraj<sup>2</sup>, P.S. Khera<sup>2</sup>, P.K. Garg<sup>2</sup>, T. Yadav<sup>2</sup>, S. Tiwari<sup>2</sup>, R. Rajagopal<sup>2</sup>, S. Jha<sup>2</sup>, Y. Wadhwa<sup>2</sup>, A. Agarwal<sup>2</sup>, A. Sinha<sup>2</sup>; <sup>1</sup>Nalgonda/IN, <sup>2</sup>Jodhpur/IN
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- EE-036** **Ultrasonographic and CT diagnosis of bilioenteric fistula**  
[A. Pavlovic](#), B. Miskovic, M. Dobric, A. Ristic, D. Vasin, D. Masulovic; Belgrade/RS
- EE-038** **MRCP: not just for ductal stones**  
[W. Pettit](#), A. Oluboyede, J. Benning, A. Tamimi; London/UK
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[H.F. Freitas](#)<sup>1</sup>, M. Fagulha<sup>1</sup>, J. Saraiva<sup>1</sup>, C. Bahia Soares<sup>2</sup>; <sup>1</sup>Portimão/PT, <sup>2</sup>Lagos/PT

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 [S. Lee](#), A. Poh; Singapore/SG
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[I. Martinho](#), A.C. Vieira, A. Braga, A. Vieira; Porto/PT
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[R. Zaher](#), H. Cheema, C. Grierson; Southampton/UK

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 [T.P. Chawla](#), A. DeBuck, H. Macrae, R. Riddell; Toronto, ON/CA
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[M. Akobeng](#), V. Rudralingam, M. Amir; Manchester/UK
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[F. Ferreira](#), D. Carvalho, A. Madureira; Porto/PT
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[F. Coelho](#), J.F. Pinto, J. Amorim, M. Barros, J. Maciel, M. França; Porto/PT

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M. Sukhanenko, E. Hoyles, B. Rea; Sheffield/UK

## EE-057 Classic signs in abdominal radiology –



### A pictorial review

N. Seabra<sup>1</sup>, A. Manzella<sup>1</sup>, A. Alcoforado<sup>1</sup>, M. Gadelha<sup>1</sup>, I. Cruz<sup>2</sup>, I.C. Oliveira<sup>1</sup>, J. Brito<sup>1</sup>, P. Menandro<sup>1</sup>, M. Medeiros<sup>1</sup>; <sup>1</sup>Recife/BR, <sup>2</sup>São Paulo/BR

## EE-058 Fat-containing lesions of the digestive tract: imaging features

A.Y. Lecharpentier, C. Aubé; Angers/FR

## EE-059 Sialography of the parotid gland

F.L. Coelho, P. Maganinho, J. Amorim, J. Maciel, M. França; Porto/PT

## EE-060 Differential diagnoses of acute appendicitis in emergency clinical practice

B. Miskovic, M. Dobric, A. Pavlovic, D. Vasin, D. Masulovic; Belgrade/RS

## GI TRACT – RECTUM

## EE-062 Local recurrence of rectal cancer after surgery: the role of imaging

N. Campos, C. Terra, P. Donato, L. Curvo-Semedo; Coimbra/PT

## EE-063 Rectal adenocarcinoma after neoadjuvant therapy: practical guide and how to avoid common mistakes



N. Horvat<sup>1</sup>, J. Miranda<sup>2</sup>, M. Fernandes<sup>1</sup>, G. Feitosa<sup>2</sup>, G. Perdizes<sup>2</sup>, M. Queiroz<sup>2</sup>, G. Cotti<sup>2</sup>, C.F. Marques<sup>2</sup>, C. Nahas<sup>2</sup>, S. Nahas<sup>2</sup>; <sup>1</sup>New York, NY/US, <sup>2</sup>São Paulo/BR

## EE-064 Fooled me once: pitfalls in rectal cancer MRI post neoadjuvant therapy



I. Kinoshita, L. Zanini, F. Velloni, R. Blasbalg, D. Lahan-Martins; São Paulo/BR

## EE-066 MR imaging of perianal fistula

A. Aguiar Ferreira, N. Campos, P. Gomes, L. Curvo-Semedo, F. Caseiro Alves, P. Donato; Coimbra/PT

## GI TRACT – SMALL BOWEL

## EE-067 Imaging spectrum of intestinal involvement in immunocompromised state

A. Radmard<sup>1</sup>, M. Amouei<sup>1</sup>, N. Pak<sup>1</sup>, A. Davarpanah<sup>2</sup>; <sup>1</sup>Tehran/IR, <sup>2</sup>Atlanta, GA/US

## EE-068 Small bowel thickening is not always Crohn's disease. Beware of these mimickers

B. Jaber, P. Thurley, R. Singh; Derby/UK

## EE-069 Gastrointestinal Ultrasound in Crohn's disease – A practical guide for beginners

J. Vuksic, D. Jovanovic; Novi Sad/RS

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B. Maricic, D. Vasin, D. Masulovic; Belgrade/RS

## GI TRACT – STOMACH

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A. Djuric-Stefanovic, J. Kovac, L. Lazic, M. Mitrovic, A. Jankovic, D. Saponjski; Belgrade/RS

## EE-074 Imaging of bariatric surgery: normal anatomy and postoperative complications

M. Urizar Gorosarri<sup>1</sup>, E. Alcalde<sup>1</sup>, V. Barcena<sup>1</sup>, R. Fornell<sup>1</sup>, A. Ibañez<sup>1</sup>, M. Isusi<sup>1</sup>, G. Lecumberri<sup>1</sup>, A. Quilez<sup>1</sup>, D. Pereira<sup>2</sup>; <sup>1</sup>Bilbao/ES, <sup>2</sup>Madrid/ES

## IMAGE GUIDED THERAPY

## EE-075 Image guided interventions for peripancreatic collections: A review of current best practice

E.C. Dunne, T. De Geus, F. Desmond, C. Farrelly, L. Lawler, H. Fenlon, C. Cronin; Dublin/IE

## LIVER – DIFFUSE LIVER DISEASE

## EE-076 Liver manifestation of storage and overload disorders: an imaging guide

G. Porrello, M. Antonucci, R. Cannella, G. Brancatelli; Palermo/IT

## EE-077 Hepatic fat fraction – Pitfall to avoid

F. Weng<sup>1</sup>, N. Adams<sup>1</sup>, E. Resnick<sup>2</sup>; <sup>1</sup>Portland, ME/US, <sup>2</sup>Falmouth, ME/US

## EE-078 Liver iron quantification, MRI imaging techniques

C. Finan<sup>1</sup>, M. O'Brien<sup>2</sup>, A. Abdellaoui<sup>2</sup>, B. Fox<sup>2</sup>; <sup>1</sup>Ivybridge/UK, <sup>2</sup>Plymouth/UK

## EE-079 Diffuse and focal fatty liver disease (FLD), imaging techniques and pitfalls

C. Finan<sup>1</sup>, M. O'Brien<sup>2</sup>, A. Abdellaoui<sup>2</sup>, B. Fox<sup>2</sup>; <sup>1</sup>Ivybridge/UK, <sup>2</sup>Plymouth/UK

## LIVER – FOCAL LIVER LESIONS

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[S.K. Venkatesh](#)<sup>1</sup>, S.M. Thompson<sup>1</sup>, J. Wang<sup>2</sup>, M.S. Torbenson<sup>1</sup>; <sup>1</sup>Rochester, MN/US, <sup>2</sup>Guangzhou/CN

### EE-081 Ensuring your LI-RADS reporting is in MiNT condition: a mnemonic for the often overlooked LI-RADS decision tree

[D. Kennedy](#), M. Shiehmorteza, S. Eberhardt, M. Terrazas, N. Keshav; Albuquerque, NM/US

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[A.Q. Fonseca](#), A.L. Proença, N. Gião; Lisbon/PT

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[E. Reizine](#), S. Mulé, L. Baranes, B. Zegai, D. Marjan, G. Amaddeo, A. Luciani; Créteil/FR

### EE-084 Liver abscess: pictorial review of typical and atypical presentations

E. Awiti, [E. Reizine](#), M. Blain, S. Mulé, F. Pigneur, H. Kobeiter, A. Luciani; Créteil/FR

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[B. Giesteira](#), J. Sousa, P. Maganinho, J. Amorim, E. Melo Abreu, M. França; Porto/PT

### EE-086 Subcentimeter size hypervascular nodules in an at-risk liver – Etiopathogenesis, factors impacting diagnosis, and an algorithmic approach to their diagnosis and management using Lirads

[D. Lokhandwala](#)<sup>1</sup>, D. Mehta<sup>1</sup>, S. Siddiqui<sup>1</sup>, S. Sabnis<sup>1</sup>, S. Nellore<sup>2</sup>, S. Jalkote<sup>1</sup>, K. Ganesan<sup>1</sup>; <sup>1</sup>Mumbai/IN, <sup>2</sup>Navi Mumbai/IN

### EE-087 Hepatic sclerosed haemangioma

[G. Culleton](#), S. Dunnion, A. Nixon, P. Blair, A. Wray, J. Lyske; Belfast/UK

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[R.G. Santos](#), C. Casanova, P. Almeida, P. Donato; Coimbra/PT

### EE-090 Intrahepatic and perihilar cholangiocarcinomas: current concepts and imaging findings with radio-pathologic correlation

[C. Senra](#), F. Marques dos Santos, C. Mota, A. Almeida; Vila Nova de Gaia/PT

### EE-091 Pyogenic liver abscesses – spectrum of imaging findings

[C. Mota](#), I. Matos, C. Senra, F. Antunes, F. Marques dos Santos, A. Almeida; Vila Nova de Gaia/PT

### EE-092 Fat containing liver lesions – Aiding the diagnosis

[J. Sardinha](#)<sup>1</sup>, B. Gaspar<sup>1</sup>, G. Saldanha<sup>1</sup>, J. Palas<sup>2</sup>, J. Pereira<sup>1</sup>; <sup>1</sup>Almada/PT, <sup>2</sup>Setúbal/PT

### EE-093 MRI evaluation of multifocal liver lesions – An illustrated review

[A. Mesquita](#)<sup>1</sup>, D. Carvalho<sup>2</sup>, A.L. Pinto<sup>1</sup>, J. Vieira<sup>1</sup>, M. Clara Sousa<sup>1</sup>, R. Cruz<sup>1</sup>; <sup>1</sup>Ponta Delgada/PT, <sup>2</sup>Porto/PT

## LIVER – OTHER

### EE-094 Liver ligaments: what we must know

[T. Marques](#), E. Pacheco, D. Tiferes, U. Torres, G. D'ippolito; São Paulo/BR

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[V. Pires](#), S. Basso, L. Curvo-Semedo, F. Caseiro Alves, P. Donato; Coimbra/PT

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[C. Keshvala](#), R. Singh, B. Jaber, P. Thurley, A. Lawson; Derby/UK

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[B. Gaspar](#), F. Sardinha, G. Saldanha, J. Pereira, A. Gonçalves; Almada/PT

### EE-100 Non cirrhotic portal hypertension revisited: role of radiologists in its diagnosis

[B. Sureka](#), Y. Wadhwa, D. Singh, T. Yadav; Jodhpur/IN

### EE-101 Liver MRI optimisation of protocol and contrast

[C. Finan](#)<sup>1</sup>, M. O'brien<sup>2</sup>, A. Abdellaoui<sup>2</sup>, B. Fox<sup>2</sup>; <sup>1</sup>Ivybridge/UK, <sup>2</sup>Plymouth/UK

## LIVER – TRANSPLANTATION

### EE-102 Biliary complications of liver transplantation in pediatric patients: an overview of percutaneous transhepatic cholangiography findings

[L. Dulcetta](#)<sup>1</sup>, P. Marra<sup>1</sup>, F. Carbone<sup>1</sup>, B. Di Fazio<sup>1</sup>, R. Muglia<sup>1</sup>, P.A. Bonaffini<sup>1</sup>, S. Sironi<sup>2</sup>; <sup>1</sup>Bergamo/IT, <sup>2</sup>Milan/IT

## MAGNETIC RESONANCE

### EE-103 MR imaging of non-gynecologic pelvic lesions

[K. Kim](#), Seoul/KR

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J.Y. Patel, T. Mistry; London/UK
- EE-106 “To be or not to be:” mimics of abdominal malignancy**  
J.Y. Patel, C. Horst, A. Elowaidy; London/UK
- EE-107 Oral contrast agents: complications and adverse reactions**  
I. Gigantelli<sup>1</sup>, G. Tessarin<sup>2</sup>, E. Tramarin<sup>2</sup>, F. Morra<sup>2</sup>, A. Schillaci<sup>2</sup>, S. Cattarin<sup>2</sup>, I. Mercante<sup>2</sup>, F. Greco<sup>1</sup>, G. Piccoli<sup>1</sup>, E. Quaia<sup>2</sup>; <sup>1</sup>Conegliano/IT, <sup>2</sup>Padua/IT
- EE-108 Imaging patterns of abdominal gas!**  
L. Sá Marques, C. Terra, D. Andrade, L. Curvo-Semedo; Coimbra/PT
- EE-109 Contrast media in gastrointestinal imaging – What we know, do not know, and should know**  
B. Sureka, P. Khera, P. Garg, T. Yadav, S. Tiwari; Jodhpur/IN
- EE-111 Retroperitoneal hibernoma**  
G. Culleton<sup>1</sup>, S. Dunnion<sup>1</sup>, A. Nixon<sup>1</sup>, P. Blair<sup>1</sup>, A. Wray<sup>1</sup>, S. Shukla<sup>1</sup>, F. McCloskey<sup>2</sup>, J. Lyske<sup>1</sup>; <sup>1</sup>Belfast/UK, <sup>2</sup>Holywood/UK
- EE-112 Castleman’s disease: demystifying a rare entity**  
T. Skok, N. Boc, V. Jugovec; Ljubljana/SI
- EE-113 Don’t forget about abdomen radiographs just yet: clues from calcium**  
D. DiSantis, J. Cernigliaro; Jacksonville, FL/US
- EE-114 Multiparametric renal MRI**  
C. Finan<sup>1</sup>, M. O’Brien<sup>2</sup>, A. Abdellaoui<sup>2</sup>, B. Fox<sup>2</sup>; <sup>1</sup>Ivybridge/UK, <sup>2</sup>Plymouth/UK

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- EE-116 Revisiting response assessment of colorectal liver metastases: lessons learned and opportunities for improvement**  
 L.P. Marcal, S. Yedururi, E. Loyer; Houston, TX/US
- EE-117 An uncommon location of a “common” condition: abdominal manifestations of malignant peritoneal mesothelioma**  
 G. Porrello, R. Cannella, M. Antonucci, G. Brancatelli; Palermo/IT
- EE-118 Assessing therapeutic response after loco-regional hepatocellular carcinoma treatment**  
N. Campos, L. Curvo-Semedo, F. Caseiro Alves, P. Donato; Coimbra/PT

- EE-119 A practical guide for imaging evaluation of liver ablation: pearls, pitfalls and emerging techniques**  
L. Kafaei, L. Pendower, E. Johnston, N. Khan, J. McCall, N. Fotiadis, A. Riddell, D.-M. Koh, J. Shur; London/UK
- EE-120 Lymphoma of the gastro-intestinal tract: CT and MRI radiological features**  
A. Calabrese, A. Longhi, L. Busato, F. Maccioni; Rome/IT
- EE-121 Extra-gastrointestinal stromal tumors**  
P. Sousa, A. C. Ferreira; Loures/PT
- EE-122 Missed CT lesions of abdominal oncologic patients: case series**  
K. Sim, B. Park, D. Sung, M. Kim, N. Han, Y. Han; Seoul/KR
- EE-124 Abdominopelvic manifestations of extranodal lymphoma: a pictorial review**  
L. Maduro<sup>1</sup>, M. Rosa<sup>2</sup>; <sup>1</sup>Carnaxide/PT, <sup>2</sup>Lisbon/PT
- EE-125 Abdominal multiorgan involvement of plasmacytoma – A case series review**  
C. Mendonça, A.R. Azeiteiro, M. Leite, J. Leitão; Lisbon/PT


## PANCREAS BENIGN LESIONS

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- EE-126 Paraduodenal pancreatitis, an overlooked cause of gastrointestinal obstruction**  
M.V. Dias, S. Teixeira, H. Gomes, J. Monteiro, D. Cardoso, D. Silva; Viseu/PT
- EE-127 An abbreviated MRI protocol for follow-up cystic pancreatic lesions**  
A. Morcillo Cabrera; Las Palmas de Gran Canaria/ES

## PANCREAS DIFFUSE DISEASE



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- EE-130 Acute pancreatitis: spectrum of imaging findings based on the revised Atlanta classification**  
 T. Santos Oliveira, V. Mendes, J. Santos Silva, C.M. Oliveira, L. Curvo-Semedo, P. Donato; Coimbra/PT
- EE-131 Role of percutaneous catheter drainage in the “Step-up” approach in the management of severe acute pancreatitis**  
M. Kang, P.S. Chowhan, S.S. Rana, R. Gupta, U. Gorski, M. Sandhu; Chandigarh/IN

## PANCREAS MALIGNANT LESIONS

- EE-132 The variety of pancreatic IPMN complications**  
 C. Triantopoulou, A. Doukopoulos, I. Christofilis,  
 L. Adamopoulou, K. Vitzileos, A. Karouta,  
 G. Anastopoulos; Athens/GR
- EE-133 Ignore the isolated pancreatic duct at your peril!**  
 H. Perry, S. Senthil, A. Razack; Hull/UK
- EE-134 Solid pancreatic focal lesions: diagnosis and management**  
 A. Veron Sanchez, M. Pezzullo, M. Zaiter, P. Demetter,  
 M. Van Wettene, M.A. Bali; Brussels/BE
- EE-135 Reporting pancreatic malignancies: what the surgeons want to know**  
 H. Perry, S. Senthil, A. Razack; Hull/UK
- EE-136 Imaging review of metastatic disease to the pancreatic gland**  
 G. Maskell<sup>1</sup>, C. Greer<sup>1</sup>, C. Bullock<sup>2</sup>, M. Strugnelli<sup>1</sup>,  
 H. Barton<sup>3</sup>, D. Shetty<sup>1</sup>; <sup>1</sup>Truro/UK, <sup>2</sup>Exeter/UK, <sup>3</sup>Bristol/UK
- EE-137 Cavitating pulmonary metastases as presentation of a mucinous cystadenocarcinoma of the pancreas**  
 D. Bhatt, R. Sinha; Warwick/UK

## PELVIC FLOOR

- EE-138 Role of anoperineal MRI in the management of anoperineal lesions in Crohn's disease**  
 M. Haouari, I. Boulay Coletta, M. Zins; Paris/FR
- EE-139 Sacropey complications: imaging findings**  
 M. Haouari, T. Caroline, I. Boulay Coletta, M. Zins; Paris/FR
- EE-140 Retro-rectal tailgut duplication cysts: spotting rare malignant transformation**  
 T. Glover, L. Gould, P. Tozer, E. Burns, I. Jenkins,  
 D. Burling, A. Corr; London/UK
- EE-141 Trouble brewing below: imaging infection of the urogenital and anal triangle**  
 Z. Bhebehe, J. Straiton; Douglas/IM




## TECHNICAL ADVANCES

- EE-142 Diffusion weighted imaging in the abdomen and pelvis: recent technical advances and future perspectives**  
 T. Yang, Z. Ye, S. Yao, B. Song; Chengdu/CN

## ULTRASOUND


- EE-143 Contrast-enhanced ultrasound in Crohn's disease: technique, image interpretation and clinical applications**  
 T. Fragkouli, S. Athanasiou, D. Cokkinos, C. Sierrou,  
 I. Melissovas, R. Tzouvaras, P. Lerios, S. Tsolaki,  
 D. Exarhos, I. Kalogeropoulos; Athens/GR
- EE-144 Advanced sonographic perfusion imaging techniques in bowel pathology**  
 K. Biernacka-Racicot, D. Baranska, P. Grzelak; Lodz/PL
- EE-146 Role of superb microvascular imaging: the end of "The Hypoechoic Nodule Dilemma"?**  
 S. Martin-Garre, S. Gill, J. Barrera Ortega; Madrid/ES
- EE-147 Determining measurement sites to assess the inter-recti distance with ultrasound imaging for physiotherapy purposes**  
 A. Opala-Berdzik, M. Rudek-Zeprzałka, J. Niesporek,  
 M. Cebula, J. Baron, K. Gruszczynska, D. Chmielewska;  
 Katowice/PL

## WALL, PERITONEUM, MESENTERY

- EE-148 Imaging atlas of peritoneal anatomy**  
 A. Bhagwanani, R. Zaher, J. El-Sheikha, D. Patel,  
 O. Duxbury, N. Shah, A. Thrower; Basingstoke/UK
- EE-149 Meet the mesentery – So long forgotten, so much to tell**  
 A. Borges, C. Antunes, L. Curvo-Semedo, P. Donato;  
 Coimbra/PT
- EE-150 A great mimicker: the many faces of peritoneal mesothelioma**  
 N. Campos, C. Terra, P. Donato, L. Curvo-Semedo;  
 Coimbra/PT
- EE-151 The peritoneum: an anatomical structure of the abdomen radiologists should know about**  
 R. Borrero León, P.A. Forero, D.F. Torres, D.A. Aguirre,  
 N. Bedoya; Bogotá/CO

# POSTER PRESENTATION – SCIENTIFIC


## ABDOMINAL VASCULAR IMAGING

- SE-001** **Portal blood flow in the remnant portal branches is increased after percutaneous transhepatic portal vein embolization (PTPVE) for biliary tract cancer: an analysis with 4D flow MRI**  
 R. Hyodo, Y. Takehara, T. Mizuno, K. Ichikawa, M. Sugiyama, T. Ebata, S. Naganawa; Nagoya/JP
- SE-002** **A flowmetry study of superior mesenteric artery using 4D-Flow MRI – Efficient blood delivery to the superior mesenteric artery might be reduced in abdominal aortic aneurysm patients compared to the controls with non-dilated abdominal aorta**  
M. Sugiyama<sup>1</sup>, Y. Takehara<sup>1</sup>, T. Ushio<sup>2</sup>, T. Wakayama<sup>3</sup>, A. Nozaki<sup>3</sup>, S. Goshima<sup>2</sup>, S. Naganawa<sup>1</sup>; <sup>1</sup>Nagoya/JP, <sup>2</sup>Hamamatsu/JP, <sup>3</sup>Hino/JP
- SE-004** **Transcatheter embolization control of the upper abdominal bleeding**  
Y.-M. Ku, Y. Won; Uijeongbu/KR
- SE-005** **Computerised tomography, an alternative diagnostic tool for surveillance oesophageal varices**  
D. Jothimani, S. Joshua Muthuchand, B. Nallathambi, B. Pandurangan, S. Kalyanasundaram, K. Subbiah, H. Ramachandran, R. Venugopal, D. Dhas, M. Rela; Chennai/IN

## ACUTE ABDOMEN

- SE-007** **Impact of MDCT imaging on predicting the surgical management in acute diverticulitis**  
S. Merola; Narbonne/FR
- SE-008** **The stranded stone: relationship between acute appendicitis**  
S. Merola; Narbonne/FR
- SE-009** **Role of MDCT in the management of intestinal obstruction**  
S. Merola; Narbonne/FR
- SE-010** **Small bowel perforation**  
A. Gyliene, V. Straksyte, I. Idzelyte, A. Basevicius; Kaunas/LT
- SE-011** **The potential of MDCT in diagnosis of atypical acute appendicitis**  
S. Merola; Narbonne/FR
- SE-012** **Diffusion-weighted imaging for acute appendicitis in pregnancy – An underutilised sequence?**  
B.W. Buckley, F. Delaney, I. Welaratne, C. Cronin; Dublin/IE

## AI, MACHINE LEARNING, RADIOMICS

- SE-014** **Prediction of post-hepatectomy liver failure in patients with hepatocellular carcinoma: development of a radiomics model**  
Q. Wang<sup>1</sup>, C. Li<sup>2</sup>, M. Kuansheng<sup>2</sup>, T. Brismar<sup>1</sup>; <sup>1</sup>Stockholm/SE, <sup>2</sup>Chongqing/CN
- SE-015** **Artificial Intelligence based image quality enhancement in liver MRI: a quantitative and qualitative evaluation**  
 B. Masci, M. Zerunian, F. Pucciarelli, D. Caruso, M. Polici, G. Guido, D. De Santis, E. Iannicelli, A. Laghi; Rome/IT
- SE-016** **Effectiveness of a state-of-the-art neural network for liver parenchyma, portal and hepatic vein segmentation based on a standard non-contrast T1-vibe Dixon sequence**  
L. Zbinden<sup>1</sup>, D. Catucci<sup>2</sup>, Y. Suter<sup>1</sup>, A. Berzigotti<sup>1</sup>, L. Ebner<sup>1</sup>, A. Christe<sup>1</sup>, V. Obmann<sup>1</sup>, R. Sznitman<sup>1</sup>, A. Huber<sup>1</sup>; <sup>1</sup>Bern/CH, <sup>2</sup>Herrenschwanden/CH
- SE-017** **A preliminary research on the CT-based texture analysis working as a predictive method for stratifying clinically significant portal hypertension**  
S. Wan, Y. Wei, X. Zhang, B. Song; Chengdu/CN
- SE-018** **Feasibility and performance of Artificial Intelligence (AI) for pancreatic segmentation and volume measurement using magnetic resonance imaging (MRI) – Results from a multi-institutional study (minimap)**  
J. Ha<sup>1</sup>, X. Zhang<sup>1</sup>, E. Fogel<sup>2</sup>, P. Territo<sup>2</sup>, S. Persohn<sup>2</sup>, T. Tirkes<sup>2</sup>; <sup>1</sup>Bloomington, IN/US, <sup>2</sup>Indianapolis, IN/US
- SE-019** **Portal hypertension: CT texture signature based on machine learning method as a predictive index of patients' survival**  
S. Wan, Y. Wei, X. Zhang, B. Song; Chengdu/CN
- SE-020** **Deep learning image reconstruction vs. adaptive statistical iterative reconstruction in virtual monoenergetic dual-energy CT**  
J.J. Xu; Copenhagen/DK
- SE-021** **Prognostic value of radiomic analysis of contrast-enhanced CT in hepatocellular carcinoma: preliminary results**  
S. Viganò<sup>1</sup>, P.A. Bonaffini<sup>2</sup>, A. Corsi<sup>3</sup>, E. De Bernardi<sup>1</sup>, C. Bandini<sup>1</sup>, E. Piccin<sup>1</sup>, C. Valle<sup>4</sup>, P. Marra<sup>1</sup>, S. Sironi<sup>1</sup>; <sup>1</sup>Milan/IT, <sup>2</sup>Bergamo/IT, <sup>3</sup>Viareggio/IT, <sup>4</sup>Monza/IT

**SE-022 CT-based radiomics for prediction of therapeutic response to Everolimus in metastatic neuroendocrine tumors**

M. Polici, M. Zerunian, I. Nacci, G. Guido, E. Iannicelli, D. Caruso, A. Laghi; Rome/IT

**SE-024 Preoperative prediction for the pathological grade of hepatocellular carcinoma via contrast-enhanced computed tomography-based radiomics model**

M. Shantarevich, E. Kondratyev, G. Karmazanovsky; Moscow/RU

**SE-025 Deep learning HASTE sequence for liver MRI at 3 Tesla: qualitative and quantitative prospective comparative study**

P. Wary<sup>1</sup>, G. Hossu<sup>2</sup>, K. Ambarki<sup>3</sup>, M. Dominik<sup>4</sup>, S. Arberet<sup>5</sup>, J. Oster<sup>2</sup>, X. Orry<sup>2</sup>, V. Laurent<sup>2</sup>; <sup>1</sup>Nancy/FR, <sup>2</sup>Vandoeuvre-lès-Nancy/FR, <sup>3</sup>Saint Denis/FR, <sup>4</sup>Erlangen/DE, <sup>5</sup>Princeton, NJ/US

## BILE DUCTS AND GALLBLADDER

**SE-026 Primary sclerosing cholangitis: qualitative and quantitative evaluation at 3T MRI**

P. Boraschi, V. Mazzantini, F. Donati, M. Tarasenko, B. Coco, B. Vianello, M. Brunetto, E. Neri; Pisa/IT

**SE-027 A retrospective evaluation of gallbladder cancer diagnosis in our institution**

E. Hoyles, B. Rea, K. Hoyles, P. Kitsanta; Sheffield/UK

**SE-028 Relating LFTs to choledocholithiasis at MRCP**

S. Bready, S. Ballantyne; Glasgow/UK

**SE-029 Feasibility study to assess the potential clinical utility and value of MRCP+ in the diagnostic, monitoring and management of patients with primary sclerosing cholangitis**

P.J. Trivedi<sup>1</sup>, M. Moawad<sup>2</sup>, M. Pansini<sup>2</sup>, J. Hart<sup>2</sup>, M. Bajre<sup>2</sup>; <sup>1</sup>Birmingham/UK, <sup>2</sup>Oxford/UK

## COMPUTER TOMOGRAPHY

**SE-030 Myosteosis is a key pathological trait in asymptomatic adults**



M. Nacht<sup>1</sup>, Y. Horsmans<sup>1</sup>, R. Summers<sup>2</sup>, I. Leclercq<sup>1</sup>, P.J. Pickhardt<sup>3</sup>; <sup>1</sup>Brussels/BE, <sup>2</sup>Bethesda, MD/US, <sup>3</sup>Madison, WI/US

**SE-031 Are pre-operative CT variables associated with the success or failure of subsequent ventral hernia repair: nested case-control study**



S. Kumar<sup>1</sup>, N. Rao<sup>2</sup>, S. Parker<sup>1</sup>, A. Plumb<sup>1</sup>, A. Windsor<sup>1</sup>, S. Mallett<sup>1</sup>, S. Halligan<sup>1</sup>; <sup>1</sup>London/UK, <sup>2</sup>Coventry/UK

**SE-033 Comparison of peer teaching versus radiology resident teaching in radioanatomy education**

S. Jacquemin, A. Maazouzi, C. Aubé, A. Paisant; Angers/FR

## GI TRACT – COLON

**SE-034 The impact of fit triage on a large CT colonoscopy service**

S. Srinivas, R. Balasubramaniam; Stoke on Trent/UK

**SE-035 Preoperative computed tomography assessment of circumferential resection margin in retroperitonealized colon cancer predicts disease-free survival**



N. Seo, J. Lim; Seoul/KR

**SE-036 Comparison of two different bowel preparation regimes for CT colonography**

S. Stinchcombe, E. Sobiesinski; Sutton-in-Ashfield/UK

**SE-037 CTC findings in population-based screening for colorectal cancer in the Netherlands**

R. Schreurs; Venlo/NL

## GI TRACT – RECTUM

**SE-038 Prediction of overall survival in rectal cancer patients by combined tumor-mesorectum radiomics characterization**

A.M. Marhuenda Fluixá<sup>1</sup>, E. Remacha<sup>1</sup>, I. Machado<sup>1</sup>, R. Garcia-Figueiras<sup>2</sup>, L. Oleaga<sup>3</sup>, J. Cervera Deval<sup>1</sup>, L. Martí-Bonmatí<sup>1</sup>, A. Alberich Bayarri<sup>1</sup>; <sup>1</sup>Valencia/ES, <sup>2</sup>Santiago de Compostela/ES, <sup>3</sup>Barcelona/ES

**SE-039 Mucinous degeneration on rectal MRI after neoadjuvant therapy followed by total mesorectal excision and its clinical impact**



N. Horvat<sup>1</sup>, J. Miranda<sup>2</sup>, F. Kinoshita<sup>2</sup>, P. Pinto<sup>2</sup>, R. Pandini<sup>2</sup>, C. Nahas<sup>2</sup>, S. Nahas<sup>2</sup>; <sup>1</sup>New York, NY/US, <sup>2</sup>São Paulo/BR

**SE-040 T staging of anal cancer**

A.W. Fries, B.M. Havelund, S.R. Rafaelsen; Vejle/DK

**SE-041 Pathological response assessment after neoadjuvant treatment in rectal cancer using MRI-based radiomic model**



J. Miranda<sup>1</sup>, N. Horvat<sup>2</sup>, A. Assuncao-Jr<sup>1</sup>, F. Machado<sup>1</sup>, C. Nahas<sup>1</sup>, S. Nahas<sup>1</sup>, C.H. Nomura<sup>1</sup>; <sup>1</sup>São Paulo/BR, <sup>2</sup>New York, NY/US

# POSTER PRESENTATION – SCIENTIFIC

**SE-042 Retrospective analysis of the adherence to the rectal cancer deferral of surgery protocol**

S. McFaul<sup>1</sup>, T. Coyle<sup>2</sup>, S. Evans<sup>2</sup>; <sup>1</sup>Glasgow/UK, <sup>2</sup>Paisley/UK

**SE-044 Do 3D MRI sequences are more informative than conventional 2D MRI sequences in presurgical assessment of perianal fistula? A prospective study**

V. Kasi Arunachalam, A. K V; Coimbatore/IN

**SE-045 MRI evaluation of the response of rectal cancer therapy: qualitative and quantitative assessment**

M. Radzina, M. Ratniece, K. Julija, M. Liepa, M. Mikelsons; Riga/LV

**SE-046 Observer variability in magnetic resonance imaging measurements in rectal cancer**

P. Grimm, M.K. Loft, C. Dam, M.R. Pedersen, S. Timm, S.R. Rafaelsen; Vejle/DK

## IMAGE GUIDED THERAPY

**SE-048 Biodegradable biliary stents in biliary strictures after liver transplantation: experience of our center**

C. Terra, D. Diogo, E. Furtado, A. Gil Agostinho, M. Portilha, P. Donato; Coimbra/PT

**SE-049 Therapeutic CT-guided drainage of hepatic abscesses – Our experience**

V. Valek, T. Rohan, T. Andrasina; Brno/CZ

## LIVER – DIFFUSE LIVER DISEASE

**SE-051 Gaucher disease: assessment by multiparametric MRI and MR elastography of the liver and spleen**

D. Parente, F. Chagas Malta, R. Cravo, R. Rodrigues, R. Perez; Rio de Janeiro/BR

**SE-052 MRI findings of hepatic iron overload, steatosis, and their overlapping: what do they mean? Correlation between MRI findings, biochemical markers and HFE genetic testing – A study of 2,630 cases**

D. Tiferes, P. Oliveira, M. Cavichio, S. Tahan, U. Torres, G. D'Ippolito, A. Caiado; São Paulo/BR

**SE-053 Chemotherapy-associated liver injury (CALI) in patients with colorectal liver metastases: evaluation with 3T MR imaging**

F. Donati, M. Tarasenko, P. Boraschi, V. Mazzantini, B. Borelli, R. Moretto, P. Colombatto, L. Urbani, E. Neri; Pisa/IT

**SE-055 MRI techniques for the evaluation on liver fat content: comparison between different techniques**

F. Pucciarelli, M. Zerunian, M. Polici, B. Masci, B. Bracci, A. Del Gaudio, E. Iannicelli, D. Caruso, A. Laghi; Rome/IT

**SE-056 The usefulness of MRI assessment of ectopic fat accumulation in pancreas, liver and skeletal muscle in correlation with the presence of central obesity and metabolic syndrome**

J. Pienkowska, B. Brzeska, O. Kozak, E. Szurowska; Gdansk/PL

## LIVER – FOCAL LIVER LESIONS

**SE-058 MRI features associated with HCC histologic subtypes and combined HCC-cholangiocarcinoma: a Western American and European bicenter study**

S. Mulé<sup>1</sup>, A. Serhal<sup>2</sup>, A. Galletto Pregliasco<sup>1</sup>, J. Nguyen<sup>2</sup>, G. Amaddeo<sup>1</sup>, C. Vendrami<sup>2</sup>, J. Calderaro<sup>1</sup>, G.-Y. Yang<sup>2</sup>, A. Luciani<sup>1</sup>, F. Miller<sup>2</sup>; <sup>1</sup>Créteil/FR, <sup>2</sup>Chicago, IL/US

**SE-059**

 **Lirads V2018: a pictorial update**  
H. Dillon; Dublin/IE

**SE-060 Gadoteric acid-enhanced MRI for prediction of microvascular invasion in solitary hepatocellular carcinoma: A preliminary study with stratification by tumor size**

H. Wei, B. Song; Chengdu/CN

**SE-062 Noninvasive identifying of Sox9-positive hepatocellular carcinoma using radiomics signatures: a retrospective and observational study**

F. Che, Y. Wei, B. Song; Chengdu/CN

**SE-063 Diagnostic performance of MRI and CEUS in differentiating intrahepatic cholangiocarcinoma from hepatocellular carcinoma: a meta-analysis**

Y.Y. Wu, Z. Ye, J. Chen, Q. Qin, B. Song; Chengdu/CN


**SE-064 Diagnostic performance of two kinds of abbreviated Gadoteric acid-enhanced MR protocols with or without contrast-enhanced CT for the detection of colorectal liver metastases**

K. Ozaki<sup>1</sup>, S. Higuchi<sup>1</sup>, H. Kimura<sup>1</sup>, T. Gabata<sup>2</sup>; <sup>1</sup>Eiheiji/JP, <sup>2</sup>Kanazawa/JP

**SE-065 The value of quantitative diffusion-weighted imaging in characterization of hypovascular liver lesions: a comparison between intravoxel incoherent motion derived parameters and apparent diffusion coefficient**

J.D. Kovac, A. Jankovic, M. Dakovic, A. Djuric-Stefanovic; Belgrade/RS

**SE-066**

 **Compression MR elastography to assess microvascular invasion in patients with hepatocellular carcinoma**  
G. Pagé<sup>1</sup>, P. Garteiser<sup>1</sup>, V. Paradis<sup>1</sup>, R. Sinkus<sup>1</sup>, V. Vilgrain<sup>1</sup>, B. Van Beers<sup>2</sup>; <sup>1</sup>Paris/FR, <sup>2</sup>Clichy/FR



**SE-067** The role of magnetic resonance imaging in predicting hepatocellular carcinoma with progenitor phenotype: a meta-analysis

Q. Qin, B. Song, J. Chen, Z. Ye, Y.Y. Wu; Chengdu/CN

**SE-068** Perfusion CT of HCC: correlation to LIRADS V2018 major features



G. Kalarakis<sup>1</sup>, T. Brismar<sup>1</sup>, A. Svensson<sup>1</sup>, M. Fischer<sup>2</sup>;

<sup>1</sup>Stockholm/SE, <sup>2</sup>Zurich/CH

## LIVER – OTHER

**SE-071** Estimation of liver fibrosis by MRI-elastography in the patient with chronic liver disease

E. Ascari<sup>1</sup>, P. Torricelli<sup>1</sup>, G. Ligabue<sup>1</sup>, A. Pecchi<sup>2</sup>;

<sup>1</sup>Modena/IT, <sup>2</sup>Carpi/IT

**SE-072** Selective internal radiation therapy for hepatocellular carcinoma in Angers, a retrospective cohort study 2012-2020

L. Oreistein, C. Aubé, A. Bouvier, A. Paisant; Angers/FR

## LIVER – TRANSPLANTATION

**SE-074** Impact of preoperative skeletal muscle index on remnant liver regeneration in living donors after liver transplantation

S. Lee, K. Kim; Seoul/KR

**SE-075** Role of pre-operative imaging in living liver donor transplantation

I. Garuti<sup>1</sup>, F. Lorenzetti<sup>1</sup>, B. Catellani<sup>1</sup>, F. Di Benedetto<sup>1</sup>, S. Di Sandro<sup>1</sup>, G. Ligabue<sup>1</sup>, P. Torricelli<sup>1</sup>, A. Pecchi<sup>2</sup>;

<sup>1</sup>Modena/IT, <sup>2</sup>Carpi/IT

**SE-076** Color-Doppler US in the diagnosis and interventional radiological management of portal anastomotic obstruction during the follow up of pediatric liver transplantation

F. Carbone<sup>1</sup>, P. Marra<sup>1</sup>, L. Dulcetta<sup>1</sup>, B. Di Fazio<sup>1</sup>,

R. Muglia<sup>1</sup>, P.A. Bonaffini<sup>1</sup>, S. Sironi<sup>2</sup>; <sup>1</sup>Bergamo/IT,

<sup>2</sup>Milan/IT

## MAGNETIC RESONANCE

**SE-077** Comparison of a commercial 3D-Dixon sequence and a standardized ME-GRE-R2\* relaxometry method in quantifying splenic and pancreatic iron

M. Plaikner, L. Lanser, C. Kremser, G. Weiss,

B. Henninger; Innsbruck/AT

**SE-078** Simultaneous multislice diffusion-weighted imaging in patients with hepatocellular carcinoma: respiratory-triggered versus breath-holding

S. Yao, Z. Ye, T. Yang, B. Song; Chengdu/CN

## MISCELLANEOUS

**SE-079** Evaluate the correct management of the oncological patient in a multidisciplinary perspective, with re-evaluation and characterization of the disease at the meetings of the multidisciplinary team (MTM) and therefore demonstrate the superiority of an integrated MTM approach compared to the limited and non-specific mono-specialistic evaluation and allow the best therapeutic treatment available thanks to the exchange of multidisciplinary knowledge and experience

L. Tomaiuolo, A. Olivieri, L. Geraci, D. Autelitano, M. Todesco, C. Longo, F. Cicalo', F. Verrengia, F. Moro, A. Carli, F. Spoto, V. Rossi, C. Cacciatore, F. Segato, V. Bissoli, R. De Robertis, M. D'Onofrio; Verona/IT

**SE-081** Integration of abdominal imaging into a gross anatomy Medical School Curriculum

E.J. Torralba<sup>1</sup>, J. Kunzelman<sup>2</sup>, A.M. Silva<sup>1</sup>, D.X. Parmelee<sup>1</sup>, A.C. Silva<sup>2</sup>; <sup>1</sup>Dayton, OH/US, <sup>2</sup>Scottsdale/Phoenix, AZ/US

**SE-082** Imaging side effects and complications of antineoplastic therapy in gastrointestinal tract – A pictorial review

G. Al-farra; Herlev/DK

## ONCOLOGY

**SE-083** Associations between contrast-enhanced CT images and Kit Exon 11 gene mutation in gastrointestinal stromal tumors

C. Yang; Chengdu/CN

# POSTER PRESENTATION – SCIENTIFIC

## PANCREAS DIFFUSE DISEASE

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**SE-085 Accuracy of a CT density threshold enhancement in distinguishing pancreas parenchymal necrosis in cases of acute pancreatitis in the first week**

R. le Guen, I. Ben Rhouma, G. Herpe, A. Guerrab, P. Ingrand, [J.-P. Tasu](#); Poitiers/FR

**SE-086 Evaluation of visceral adiposity and its role in predicting severity in acute pancreatitis: correlation with CT severity index and clinical outcome**

[M. Kang](#), V. Dev A, U. Gorsj, S. S. Rana, R. Gupta, M. Sandhu; Chandigarh/IN

**SE-088 Place of imaging in acute and chronic pancreatitis**

[A. Meunier](#); Angers/FR

## PANCREAS MALIGNANT LESIONS

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**SE-089 Analysis of CT findings in patients with different serum pancreatic amylase trends after major pancreatic resections**



[M. Bariani](#), F. Mambrin, G.A. Zamboni, M. Ambrosetti, E. Bannone, G. Marchegiani, R. Salvia, G. Mansueto; Verona/IT

**SE-090 Quantitative edge analysis of pancreatic margins in patients with head pancreatic adenocarcinoma: correlations between pancreatic margins and onset of postoperative pancreatic fistula**

[C. Gasparini](#)<sup>1</sup>, M. Ambrosetti<sup>1</sup>, G.A. Zamboni<sup>1</sup>, A. Ambrosetti<sup>2</sup>, G. Mansueto<sup>1</sup>, G. Marchegiani<sup>1</sup>, G. Perri<sup>1</sup>, R. Salvia<sup>1</sup>, S. Montemezzi<sup>1</sup>; <sup>1</sup>Verona/IT, <sup>2</sup>Padua/IT

**SE-091 Understanding the ablation zone – Irreversible electroporation of pancreatic cancer**

[Q.W. Kozak](#), H. Stanislaw, J. Pienkowska, K. Skrobisz, M. Szymanski, M. Studniarek; Gdansk/PL

**SE-092 Utility of PET-CT in management of pancreatic malignancies**

[M. Khalid](#), H. Perry, N. Ahmed, A. Razack; Hull/UK

## QUANTITATIVE IMAGING

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**SE-093 Distinct phenotypes of multi-organ abnormalities in long COVID and type 2 diabetes identified by multiparametric MRI**

N. Eichert<sup>1</sup>, A. Telford<sup>1</sup>, A. Roca-Fernandez<sup>1</sup>, A. Hamid<sup>1</sup>, [M. Pansini](#)<sup>1</sup>, H. Thomaidis-Brears<sup>1</sup>, A. Dennis<sup>1</sup>, R. Banerjee<sup>1</sup>, S. Alu<sup>1</sup>, G. Thanabalasingham<sup>1</sup>, G.J. Kemp<sup>2</sup>, D.J. Cuthbertson<sup>2</sup>, A. Banerjee<sup>3</sup>; <sup>1</sup>Oxford/UK, <sup>2</sup>Liverpool/UK, <sup>3</sup>London/UK

**SE-094 Impact of bowel-preparation methods on pancreatic magnetic resonance elastography**

[A.-S. van Schelt](#)<sup>1</sup>, N.P. Wassenaar<sup>1</sup>, E.M. Schrauben<sup>1</sup>, J.L. Nelissen<sup>1</sup>, J. Guo<sup>2</sup>, I. Sack<sup>2</sup>, J. Stoker<sup>1</sup>, A.J. Nederveen<sup>1</sup>, J. Runge<sup>1</sup>; <sup>1</sup>Amsterdam/NL, <sup>2</sup>Berlin/DE

## TECHNICAL ADVANCES

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**SE-097 Radiofrequency ablation in pancreatic adenocarcinoma: CT study of thermo-lesion and marginal area with texture analysis**

[M. Todesco](#), L. Geraci, L. Tomaiuolo, D. Autelitano, A. Carli, A. Olivieri, F. Verrengia, R. De Robertis, M. D'Onofrio; Verona/IT

## ULTRASOUND

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**SE-098 Contrast-enhanced ultrasound (CEUS) is excellent for follow-up of abdominal trauma patients initially examined with CECT. Radiologists in training can do it and patients prefer it to CECT**

[D. Cokkinos](#), C. Sierrou, S. Tsolaki, T. Fragkouli, V. Panou, M. Papadopoulou, K. Papachristos, G. Skoufogiannis, A. Bouladaki, I. Kalogeropoulos; Athens/GR

**SE-099 Assessment of pancreas tissue stiffness among healthy subjects**

[B. Almutairi](#), G.A. Alghamdi, R.W. Edrees, A.A. Althubaity, R. Abdeen, F.F. Almutairi; Jeddah/SA

**SE-100 A single-center, retrospective study comparing the number of non-diagnostic measurements of the PSWE and SSI liver ultrasound elastography examinations**

[M. Cebula](#), A. Biernacka, K. Gruszczynska; Katowice/PL

## WALL, PERITONEUM, MESENTERY

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**SE-102 What is the optimum protocol for post treatment surveillance imaging of mucinous appendiceal neoplasms?**

[P.J. Dempsey](#), J.W. Power, A. Yates, L. Martin-Roman, J.J. Aird, J. Mulsow, H. Fenlon, C. Cronin; Dublin/IE



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# ULTRASOUND VILLAGE

## Scientific Coordinators:

J.B.C.M. Puylaert, The Hague/NL; M. Ramalho, Almada/PT

At ESGAR 2022, the modality of ultrasound will be one of the highlighted topics. Throughout the meeting, sessions, tutorials and keynote lectures will encompass basic technical aspects as well as innovations in abdominal ultrasound, as contrast-enhanced ultrasound and new techniques such as elastography, fusion imaging and 3D. However, there will also be ample attention for the clinical triage-function of ultrasound as a primary tool, workhorse and starting point in any abdominal problem.

### WEDNESDAY, JUNE 1, 2022

08:00 – 08:45 **USV 1** Keynote Lecture

08:50 – 09:30 **USV 2** Keynote Lecture

09:40 – 10:30 **USV 3** Keynote Lecture

11:00 – 12:00 **USV 4** Hands-on Training

14:00 – 15:30 **USV 5** Keynote Lectures

15:30 – 16:30 **USV 6** Hands-on Training

### THURSDAY, JUNE 2, 2022

08:00 – 08:45 **USV 7** Keynote Lecture

08:50 – 10:20 **USV 8** Keynote Lectures

11:00 – 11:30 **USV 9** US Live Demo

11:30 – 12:30 **USV 10** Hands-on Training

14:00 – 15:30 **USV 11** Keynote Lectures

15:30 – 16:30 **USV 12** Hands-on Training

### FRIDAY, JUNE 3, 2022

09:25 – 10:15 **USV 13** Keynote Lecture

11:00 – 11:45 **USV 14** Keynote Lecture

11:45 – 12:45 **USV 15** Hands-on Training

THE ULTRASOUND VILLAGE IS KINDLY SUPPORTED BY:



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OF ITS CORPORATE MEMBERS



## INDUSTRY SPONSORED PROGRAMME – OVERVIEW

### TUESDAY, MAY 31, 2022

12:15 – 13:15 **SY 1** BAYER Symposium

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### THURSDAY, JUNE 2, 2022

12:45 – 13:45 **SY 4** BRACCO Symposium

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### WEDNESDAY, JUNE 1, 2022

12:45 – 13:45 **SY 2** GE Symposium

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12:45 – 13:45 **SY 3** GUERBET Symposium

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13:45 – 14:30 **ISWS 1** SIEMENS Lecture

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### FRIDAY, JUNE 3, 2022

12:45 – 13:45 **SY 5** GE Symposium

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This promotional symposium is organized and funded by Bayer

RADIOLOGY  
ACADEMY



ESGAR 2022 – Lisbon, Portugal

# Lunch<sup>\*</sup> Symposium

May 31, 2022

12:15 – 13:15

➤ **Liver Lesion Stratification with MRI:  
From Benign, Borderline to Malignant**

*Chair: Prof. Dow-Mu Koh*

*Speakers: Prof. Ahmed Ba'Ssalamah,  
Prof. Francesco DeCobelli, Dr. Jose Presa Ramos,  
Prof. Helena Cortez-Pinto*



**12:15 – 13:15 / Lunch Symposium**

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**SY 1**

**Auditorium I**

**BAYER: Liver lesion stratification with MRI: from benign, borderline to malignant**

Moderator: D.-M. Koh, Sutton/UK

**12:15 Welcome**

**Benign and borderline lesion imaging on CE-MRI with a focus on hepatic adenoma sub-type classification**

A. Ba-Ssalamah, Vienna/AT

**Characterization and management of malignant liver disease**

F. De Cobelli, Milan/IT

**Panel Discussion**

A. Ba-Ssalamah, Vienna/AT; F. De Cobelli, Milan/IT; J. Ramos Presa, Vila Real/PT; H. Cortez-Pinto, Lisbon/PT

# Visit the GE Healthcare booth to learn more about our latest technology and contrast media products and solutions



Enhance your knowledge with **three** informative sessions

## **SYMPOSIUM:** Abdominal CT – Ways to maximize benefits

**Wednesday 1 June 2022**

**Time:** 12:45–13:45

**Room:** Auditorium 1

*Lunch boxes will be provided*

Speakers:

**Prof Andrea Laghi**

*Sant'Andrea Hospital, Sapienza University of Rome, Italy*

**Prof Perry Pickhardt**

*University of Wisconsin, USA*

## **SYMPOSIUM:** Deep Learning reconstruction applied to daily liver & pancreas imaging

**Friday 3 June 2022**

**Time:** 12:45–13:45

**Room:** Auditorium 1

*Lunch boxes will be provided*

Moderator:

**Dr David Bowden**

*Addenbrooke's Cambridge University Hospitals, UK*

Speakers:

**Prof Alain Luciani**

*University Hospital Henri Mondor AP-HP, Paris, France*

**Dr Marc Zins**

*Groupe Hospitalier Paris Saint Joseph, France*

## **WEBINAR PRE-EVENT:** AI in Radiology: which benefits for radiologists and patients?

**Thursday 19 May 2022 • 13:00–14:00**

Speakers: **Prof Alain Luciani**

*University Hospital Henri Mondor AP-HP, Paris, France*

**Dr Marta Zerunian**

*Sant'Andrea Hospital - Sapienza University of Rome, Italy*

**Did you miss it?** Come and speak to us on the GE Healthcare booth for access details



**12:45 – 13:45 / Lunch Symposium**

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**SY 2**

**Auditorium I**

**GE HEALTHCARE: Abdominal CT – Ways to maximize benefits**

Moderators: A. Laghi, Rome/IT; P.J. Pickhardt, Madison, WI/US

**12:45 Introduction**

A. Laghi, Rome/IT

**12:50 The value and challenges of opportunistic CT screening**

P.J. Pickhardt, Madison, WI/US

**13:02 Artificial Intelligence (AI) and contrast optimization in abdominal imaging**

A. Laghi, Rome/IT

**13:14 The added value of positive oral contrast in abdominal CT**

P.J. Pickhardt, Madison, WI/US

**13:26 Questions and answers**

**12:45 – 13:45 / Lunch Symposium**

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**SY 5**

**Auditorium I**

**GE HEALTHCARE: Deep learning reconstruction applied to daily liver and pancreas imaging**

Moderator: D. Bowden, Cambridge/UK

**12:45 Introduction**

D. Bowden, Cambridge/UK

**12:55 Will compressed sensing and deep-learning reconstruction set a new standard for pancreas imaging?**

M. Zins, Paris/FR

**13:15 Spectral imaging and deep-learning reconstruction: a game changer?**

A. Luciani, Créteil/FR

**13:35 Questions and answers**

# Challenge your Expertise in Advanced Abdominal Clinical Cases - 7<sup>th</sup> Edition

**Chairperson:**  
Valérie Vilgrain (France)



**Wednesday,  
June 1<sup>st</sup>**



**12:45 - 13:45**



**Auditorium 6**

## ➤ Introduction

## ➤ Challenge your expertise on advanced clinical cases presented by:

- Valérie Vilgrain (France) :  
**Liver and pancreas**

- Luis Guimarães (Portugal) :  
**Pancreas and bowels**

- Damian Tolan (UK) :  
**Bowels**

## ➤ Q&A and Conclusion

**12:45 – 13:45 / Lunch Symposium**

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**SY 3**

**Auditorium VI**

**GUERBET: Challenge your expertise in advanced abdominal clinical cases – 7<sup>th</sup> edition**

Moderator: V. Vilgrain, Clichy/FR

**12:45 Introduction**

V. Vilgrain, Clichy/FR

**12:50 Liver and pancreas**

V. Vilgrain, Clichy/FR


**13:05 Pancreas and bowels**

L. Guimarães, Porto/PT


**13:20 Bowels**

D. Tolan, Leeds/UK

**13:35 Questions and answers**



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**12:45 – 13:45 / Lunch Symposium**

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**SY 4**

**Auditorium I**

**BRACCO: Back to the future: a fresh look at enhanced liver MRI**

Moderator: L. Martí-Bonmatí, Valencia/ES

**12:45 Introduction**

L. Martí-Bonmatí, Valencia/ES

**12:50 Diagnosis of hepatocellular carcinoma using LI-RADS and hepatobiliary contrast agents**

A. Furlan, Pittsburgh, PA/US

**13:10 MRI of focal liver lesions: evidence-based comparison of hepatobiliary contrast agents**

L. Grazioli, Brescia/IT

**13:30 Questions and answers**

**WEDNESDAY, JUNE 1, 2022**

13:45 – 14:30 / Industry Lecture

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**ISWS 1**

Room 5A

**SIEMENS: What you should know about spectral CT and why it may change your abdominal radiology practice**

M. Lichy, Forchheim/DE; A. Ziegler, Forchheim/DE



# ESGAR AUTUMN WORKSHOPS 2022

SEPTEMBER

## **ESGAR/ESDO HPB and GI Tract Neoplasms Workshop**

optimising diagnosis and interactive tumour board management

September 1 – 2, 2022

Seville, Spain

## **Liver Imaging Workshop**

September 29 – 30, 2022

Palermo, Italy

## **Virtual Rectal MR Imaging**

a step-wise approach

September 26 & October 17, 2022

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OCTOBER

## **Virtual CT Colonography Workshop – the essentials**

October 13 – 14, 2022

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NOVEMBER

## **Virtual ESGAR/ESUR Acute Abdomen Workshop**

November 17 – 18, 2022

## **Virtual Liver Workshop – a case-based approach**

November 24 – 25, 2022

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DECEMBER

## **Virtual Workshop – optimising the role of CT in abdominal imaging**

December 15 – 16, 2022

UNITED EUROPEAN  
GASTROENTEROLOGY

**ueg** week

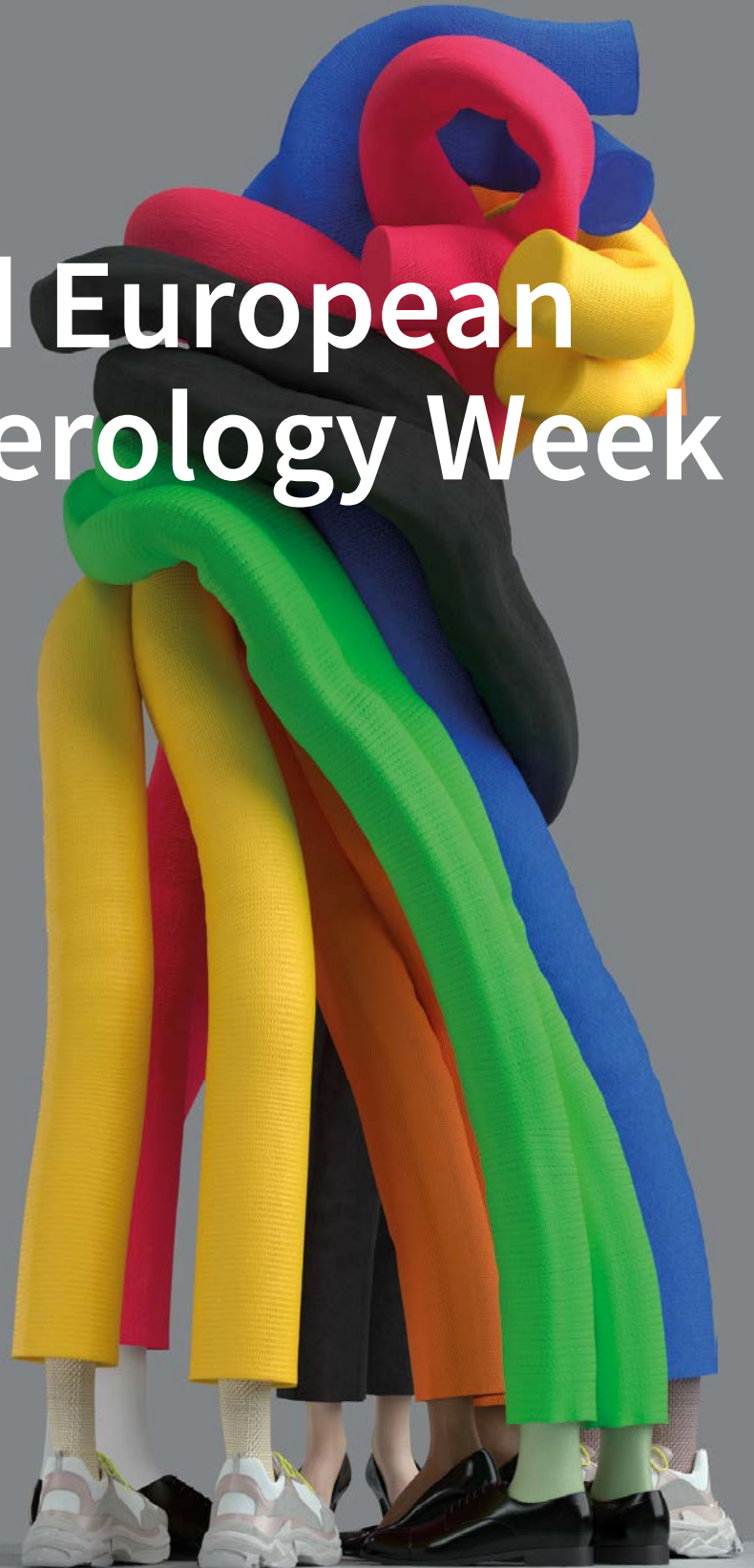
# 30<sup>th</sup> United European Gastroenterology Week

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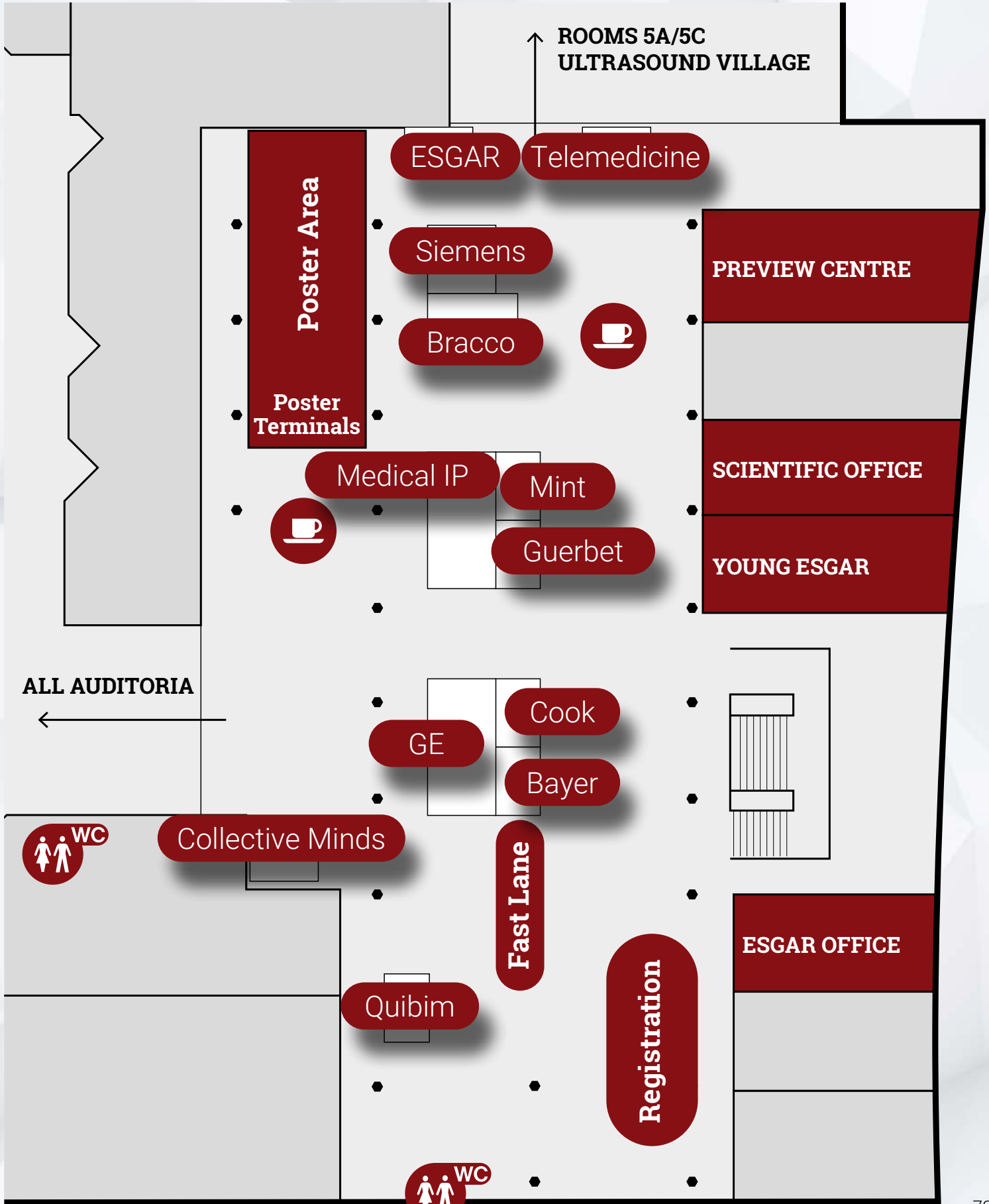
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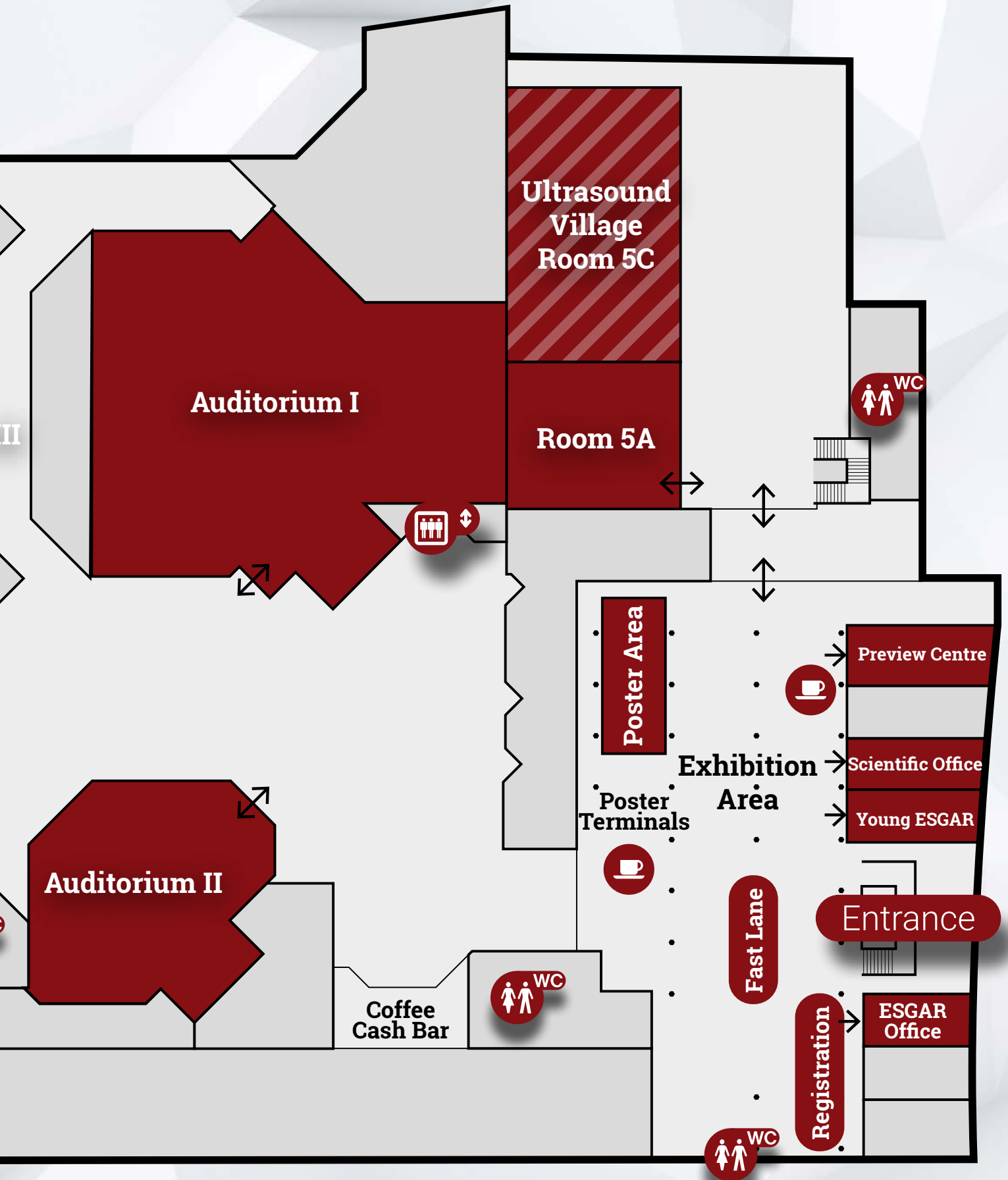
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Annual Meeting and Postgraduate Course

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# June 13-16

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