



JUNE 14-17  
**ESGAR 2016**  
PRAGUE  
CZECH REPUBLIC

European  
Society  
of Gastrointestinal  
and Abdominal  
Radiology



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**PRELIMINARY PROGRAMME**



# PRELIMINARY PROGRAMME AND CALL FOR ABSTRACTS

Important Addresses / Important Dates / CME	2
Committees / Patronage / Joint Session	3
Invitation Letter	4
Educational & Scientific Programme Features	6
Abstract Submission	8
Programme Overview	12
Postgraduate Course 1, Tuesday, June 14	14
Postgraduate Course 2, Tuesday, June 14	18
Sessions, Wednesday, June 15	21
Sessions, Thursday, June 16	28
Sessions, Friday, June 17	34
Workshops	38
CEUS Training Centre	47
School of ESGAR	48
Congress Information	54
Prague – General Information	55
Registration / Hotel Accommodation	57
Sponsors	58



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### CONFERENCE VENUE

Prague Congress Centre PCC  
5. Kvetna 65  
CZ – 140 21 Prague 4, Czech Republic

## IMPORTANT DATES 2015 / 2016

Abstract submission opens	October 2015
Registration opens	January 2016
Abstract submission deadline	January 15, 2016
Notification of acceptance to authors	February 2016

## CME

An application will be made to the EACCME for CME accreditation of this event. The EACCME is an institution of the UEMS ([www.uems.net](http://www.uems.net)). The number of credit hours of European external CME credits will be announced on the ESGAR website and in the Final Programme.

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## ESGAR 2016 MEETING PRESIDENT

**Prof. Vlastimil Valek**

Masaryk University

University Hospital Brno and Medical Faculty

Department of Radiology

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## PATRONAGE



Radiological Society CLS JEP (Czech Radiological Society)

## JOINT SESSION



European Society of Urogenital Radiology

# INVITATION TO ESGAR 2016

DEAR ESGAR MEMBERS, COLLEAGUES AND FRIENDS,

In 1989, as the Velvet Revolution was at its climax, I received a letter from Greece. It was an invitation from Prof. Dr. Nicholas Gourtsoyiannis to the ESGR congress in Agia Pelagia, Crete. But for a young doctor from Czechoslovakia, where socialism was coming to an end, it was inconceivable to attend an international congress. But I kept the letter as a memory. It motivated me to dedicate myself even more to enteroclysis, double-contrast imaging and intestinal ultrasound.

The next year I received an invitation from Prof. Daniel Nolan to the ESGR congress in Oxford. No one can imagine what an honour it was for me. Until then I had never attended a congress abroad, in my situation it was impossible. Finally, I was really able to go there. I was living a dream – the door to abdominal and gastrointestinal radiology was open to me and I could attend presentations by those whom I knew only from their articles, which were difficult for me to

obtain at this time. I met all these famous teachers and later many of them became my friends. They had also accepted my invitations to deliver their presentations at congresses in the Czech Republic.

The next year, at the congress in Nice, I presented my first poster. The year after, in Helsinki, I gave my first presentation. It was there where I told myself: "One day the ESGAR congress will be held in Prague". Who could have imagined then, how small Europe and even the whole world would become in a few years. ESGR became ESGAR, different cities and countries are hosting this congress. The number of ESGAR Members and congress participants has been increasing. Also gastrointestinal and abdominal radiology is changing. Double-contrast barium enema examinations have become a memory. Nowadays a congress is full of workshops and presentations about ultrasound, MDCT, >>





>> MRI, PET-CT and PET-MR. The issues you will be presented with at this congress are fundamental for every radiologist. But some things never change. ESGAR still has the same atmosphere and enthusiasm. Thanks to this congress, every year many young radiologists are inspired to devote themselves to this subspecialty of radiology.

I am honoured to be the ESGAR 2016 Meeting President in the capital of the Czech Republic and to have been given the opportunity to organise this congress. After all, Prague is not only a city whose architecture walks you through the centuries, but also mysterious and enticing, as our diagnostic images so often are to clinicians. In 1835, Prague became home to Christian Andreas Doppler. At first he taught at the Technical Secondary School and in 1841 he was formally appointed to the post of Professor in Geometry and Mathematics at the Polytechnic School, where he had already given some presentations. It was in Prague, in 1841, when he published his article "Über das farbige Licht der Doppelsterne und einiger anderer Gestirne des Himmels" ("On the coloured light of the binary stars and some other stars of the heavens"). This article was the first to define the Doppler effect. So you see, Prague has a close relationship to radiology and a very close relationship to ESGAR.

Year after year, the Programme Committee work very hard to make the congress interesting. They all endeavour to prepare an attractive, but also up-to-date programme. And I hope Prague will not be different.

The highlights of ESGAR 2016 will be the two Postgraduate Courses on Tuesday, June 14, 2016 on "Common clinical problems in abdominal radiology" and "Colorectal oncologic imaging". The rest of the scientific and educational programme will follow the successful concept of Lecture Sessions, Research Centres, Clinical Files (interactive case discussion), Foundation Courses, Interventional Sessions,

Workshops, Scientific Sessions and Poster Presentations. One Lecture Session will be held in cooperation with the European Society of Urogenital Radiology (ESUR). The School of ESGAR, successfully introduced at ESGAR 2015 in Paris, follows the chapters from the European Training Curriculum and is dedicated to those who are close to their board examination.

I hope we will meet in large numbers in Prague, all of us interested in abdominal and gastrointestinal radiology. Let us breathe in the atmosphere of Prague and ESGAR.

I would like to express my gratitude to the Executive Committee and all ESGAR Members for choosing Prague to host the ESGAR Annual Meeting in 2016 and accepting my invitation. It could not have happened without the help and support of Brigitte Lindlbauer, ESGAR Executive Director. Brigitte and her entire team are essential for the smooth running of the congress.

The Czech Radiological Society, of which I am the president, is honoured that ESGAR is held in Prague in 2016. The whole board of RS CLS JEP (Radiological Society of Czech Medical Society J.E. Purkyně) as well as the Local Organising Committee for ESGAR 2016 will try their best to make your stay in Prague a happy one and that you take home more than just professional experiences.

After all, Prague is worth it. And I am hoping that you will remember ESGAR 2016 and Prague as fondly as I remember my first ESGR and Oxford.

A handwritten signature in black ink, appearing to read 'Valek'.

Prof. Vlastimil Valek  
ESGAR 2016 Meeting President

## ABBREVIATIONS

The following abbreviations are used in the programme:

HL	Honorary Lecture	PC	Professional Challenge	RC	Research Centre
IR	Interventional Radiology	PG	Postgraduate Course	SOE	School of ESGAR
LS	Lecture Session	PS	Plenary Session	WS	Workshop

## CASES OF THE DAY

Different cases will be displayed each day from Tuesday, June 14 to Friday, June 17, 2016 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 will receive a diploma and will be announced in the ESGAR Newsletter. The coordinator of the ESGAR 2016 Cases of the Day competition is G. Brancatelli, Palermo/IT.

## CLINICAL FILES: INTERACTIVE CASE DISCUSSION

An experienced moderator will present three to six 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 moderator will then lead a highly interactive discussion with the attendees. The aim of this innovative session is to stress the central role of clinical radiology in patient management.

## FOUNDATION COURSE

This educational feature, which was successfully held during previous Annual Meetings, has changed this year. The Foundation Course is intended to provide fundamental information regarding abdominal and gastrointestinal radiology with advance and up-to-date pathologic information. In the Foundation Course, gastrointestinal and abdominal radiological knowledge will be combined with new pathologic information and data to provide a complete overview of pancreatic and biliary lesions.

## INTERVENTIONAL RADIOLOGY AT ESGAR 2016

The educational feature "GI & abdominal interventional radiology: a practical approach" was introduced during the ESGAR 2009 Annual Meeting and following positive delegate comments has been very successfully expanded at subsequent

meetings in order to address the central role interventional techniques play in the multidisciplinary management of patients with gastrointestinal and abdominal diseases. ESGAR 2016 again includes lecture sessions, scientific papers and posters as well as incorporating IR into the postgraduate courses. The daily interventional sessions will be led by expert tutors, emphasising key practical issues, ranging from basic to advanced knowledge and skills. Similar to previous years, interactivity will be encouraged between delegates and tutors in order to facilitate useful practical discussion. In addition the video case workshops, introduced during ESGAR 2012 now comprise a dedicated session. This particular format will help to augment the various practical aspects and procedural tips/ tricks using the latest video-based learning techniques by encouraging live audience participation with IR experts in an interactive learning environment.

## LECTURE SESSIONS

All Lecture Sessions are dedicated to a special area of interest with defined objectives to ensure integration. Sessions are designed not only to describe modalities and protocols for imaging and therapy, but also to stress clinical relevance and outcomes. Several sessions have a multidisciplinary approach. One Lecture Session is organised in collaboration with the European Society of Urogenital Radiology (ESUR).

## LUNCH SYMPOSIA

From Tuesday to Thursday 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.



## POSTGRADUATE COURSES

At ESGAR 2016 two Postgraduate Courses are offered on the first day of the meeting, Tuesday, June 14, 2016. Each course deals with a self-contained topic during the entire day. Participants are asked to indicate together with their registration which Postgraduate Course they wish to attend. One course relates to common clinical problems in abdominal radiology, focusing in pain, trauma, bleeding and incidental findings. The second Postgraduate Course discusses colorectal oncologic imaging with case presentations with a multidisciplinary team approach.

### POSTGRADUATE COURSE 1 – COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### POSTGRADUATE COURSE 2 – COLORECTAL ONCOLOGIC IMAGING

## RESEARCH CENTRE

The Research Centre, successfully introduced at ESGAR 2008, is intended to illustrate and promote aspects of radiological research in the field of abdominal imaging in Europe. Research is an important feature of ESGAR Annual Meetings, especially since many members are involved in clinical or basic research studies. In addition to the many Scientific Sessions where abstracted research is presented, each year we present two "Research Centre" sessions that deal with broader topics usually related to methodological issues. For Prague we have one session that deals with writing a successful grant proposal and another that deals with writing a research paper for submission to an indexed, peer-reviewed journal. Both sessions will adopt a format whereby a relatively junior radiologist, representing the inexperienced grant applicant or paper-writer, will be supported by an experienced mentor. Together, they will identify the pitfalls and common errors that must be avoided, and the steps that must be taken in order to succeed.

## SCIENTIFIC AND EDUCATIONAL POSTER EXHIBITION

All scientific and educational exhibits (posters) at ESGAR 2016 will be displayed in electronic poster format. The poster system allows registrants to submit their exhibits online, to view them in the conference centre and send selected material to participants' individual e-mail addresses for easy referencing. The uploading and displaying of media files, such as images, tables and graphs and also the inclusion of video clips,

PowerPoint slides, Flash or Director Shockwave animations in the presentation is possible as well. Following successful submission and acceptance of an abstract, the author will receive detailed information and deadlines for uploading the scientific material into the electronic poster database.

The scientific and educational posters displayed at ESGAR 2016 in the electronic poster exhibition will be included in the permanent ESGAR Online Poster Database after the meeting.

## SCIENTIFIC SESSIONS

Researchers will present original proffered 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 (please refer to "abstract submission" on the following page).

## SCHOOL OF ESGAR

This educational feature, successfully introduced at ESGAR 2015, will be repeated with different topics at ESGAR 2016. This workshop line is aimed at residents who are close to their board examination. The topics follow the chapters from the European Training Curriculum and the corresponding learning objectives. The School of ESGAR will be open from Wednesday, June 15 to Friday, June 17. Editor in Chief: P. Prassopoulos, Alexandroupolis/GR.

## WORKSHOPS

ESGAR 2016 continues a project to enhance the educational impact of workshops. Throughout the meeting, different workshops will be offered to the registrants. Compared to a formal lecture, the smaller workshop environment is intended to facilitate more active discussion between expert instructors and the audience, allowing registrants to address their specific needs.

Places in workshops will be assigned on a first come first served basis. For details on the various workshops that will be offered during ESGAR 2016 please refer to page 38.

# ABSTRACT SUBMISSION

The ESGAR Programme Committee invites submissions of abstracts of scientific and educational presentations for ESGAR 2016. Selected abstracts will be accepted for oral presentations (6 minutes speaking time, 2 minutes discussion) and for electronic poster presentation.



## ABSTRACT SUBMISSION

The submission of abstracts (by internet only) will be possible from until **January 15, 2016**. Late submissions cannot be accepted.

The abstract submission system, together with full instructions and guidelines can be accessed via a link on the ESGAR Website **[www.esgar.org](http://www.esgar.org)**.

**Scientific abstracts** (oral and scientific poster presentations) must be structured as follows:

1. Purpose
2. Materials and methods
3. Results
4. Conclusion

**Educational poster abstracts** must be structured as follows:

1. Learning objectives
2. Background
3. Imaging findings or procedure details
4. Conclusion

Abstracts longer than 225 words will not be accepted by the system.

Projects can only be submitted in one presentation category. Posters already on the poster database may not be re-submitted to ESGAR. Accepted scientific oral presentations will be published online in a supplement to "Insights into Imaging". Details will be made available in the online abstract submission system.

## ESGAR ABSTRACT REVIEW AND GRADING

The Programme Committee recognises that the ESGAR Scientific Programme has been the equal of any other radiology programme in the past but wishes to improve it further. Most diagnostic radiology research presented at ESGAR comprises evaluation of the technical and diagnostic performance of imaging methods and pictorial essays/radiologic-pathologic correlation. Interventional

radiology research is also presented. A large panel of sub-specialist expert radiologists will grade submitted abstracts within their area of expertise. While expert opinion is crucial, objective criteria have also been formulated to help reviewers identify the best-designed and strongest studies as well as the best analysed data in these categories.

Abstracts are scored out of a maximum of 10 points. In 2015, most accepted abstracts scored from 4.0 to 8.67 points. Abstracts that scored less than 3.5 were unlikely to be accepted (20% of oral and scientific exhibition (poster) abstracts were rejected).

On the ESGAR Website, you will find a link to the "[ESGAR 2016 Instructions to Reviewers](#)". This link enables abstract writers to read the "Guidelines for Abstract Reviewers", where the objective criteria that will be used for abstract scoring are explained. Simple spreadsheet calculators can be downloaded by authors to help them prepare their results. These will facilitate the calculation of basic statistical indices (sensitivity, specificity, predictive values, confidence intervals etc.) from raw data. We suggest that you use these resources during study design, data analysis and abstract writing between October and January to improve your chances of acceptance. You can also use the online "Guidelines for Abstract Reviewers" to calculate a likely score for your work. Doing this will help you to improve scientific abstracts, maximising both your chances of acceptance for ESGAR 2016 and (we hope) the final chance of publication and impact of your hard work. Submitted abstracts can be edited directly on the internet until the deadline.

## NOTIFICATION OF ACCEPTANCE

Presenters will receive the notifications of acceptance by e-mail by the end of February 2016. Detailed guidelines for oral presentations and poster presentations will be published on the ESGAR Website at that time. Authors with accepted abstracts for scientific exhibits will receive a link to the poster system by e-mail, enabling them to upload their poster presentation prior to the meeting.

If you wish to withdraw your submission after having confirmed your acceptance, inform the Central ESGAR Office in writing (e-mail) immediately.

Please note that all presenters need to register for the congress!

## AUDIO VISUAL SERVICES (AVS)

Only data projection will be provided for oral presentations. Presentations must be prepared using PowerPoint for PC. Macintosh presentations must be saved in PC format. Speakers must deliver their presentation to the Preview Centre on a separate, labelled CD-ROM or USB stick (ZIP disks are not accepted). Speakers are responsible for testing their presentation for compatibility at the meeting, before handing it in. Further details will be made available together with the notification of acceptance.

## ESGAR TOP 20

The best 20 abstracts, submitted by residents, who appear as the first author on the respective abstract and who will actually present their paper during the meeting, form the "ESGAR Top 20". Authors will receive a diploma, confirming that their abstracts have received the best ratings among other abstracts submitted. ESGAR Top 20 Authors can be recognised by a special badge during the meeting.

## POSTER PRIZES

The best ESGAR Poster Presentations will be awarded a diploma. There will be one Magna Cum Laude, three Cum Laude and ten Certificates of Merit. The evaluation will be performed by a committee before the meeting and the awarded presentations will be flagged as such in the poster system on-site. Evaluation will be based on novelty, accuracy, educational value and design.



# PRELIMINARY 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 2016 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 participant is in training, board certified radiologist or sub specialist.

# PROGRAMME OVERVIEW

Date /Time	Tuesday, June 14	Wednesday, June 15		
08:00 – 08:15				
08:15 – 08:30				
08:30 – 08:45	PG 1 Session 1	School of ESGAR 1 + 2		
08:45 – 09:00			Workshops 1 – 8	
09:00 – 09:15				Lecture Sessions 1 + 2 Interventional Session 1 Research Centre 1
09:15 – 09:30				
09:30 – 09:45	PG 2 Session 1			
09:45 – 10:00		Scientific Sessions		
10:00 – 10:15			Professional Challenge Session	
10:15 – 10:30				CEUS Training Centre
10:30 – 10:45	PG 1 Session 2			
10:45 – 11:00		Lunch Symposia		
11:00 – 11:15			Lunch Symposia	
11:15 – 11:30				Workshop 9
11:30 – 11:45	PG 2 Session 2			
11:45 – 12:00		Lecture Sessions 3 + 4 Interventional Session 2		
12:00 – 12:15			School of ESGAR 3 + 4	
12:15 – 12:30				Workshops 10 – 13
12:30 – 12:45	CEUS Training Centre			
12:45 – 13:00		PG 1 Session 3		
13:00 – 13:15			ESGAR Lecture	
13:15 – 13:30				CEUS Training Centre
13:30 – 13:45	PG 2 Session 3			
13:45 – 14:00		Clinical Files 1		
14:00 – 14:15			Opening of ESGAR 2016	
14:15 – 14:30				
14:30 – 14:45				
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18:00 – 18:15				
18:15 – 18:30				

Thursday, June 16			Friday, June 17		Date /Time		
	School of ESGAR 5 + 6	Workshops 14 – 21		School of ESGAR 9	08:00 – 08:15		
					08:15 – 08:30		
					08:30 – 08:45		
					08:45 – 09:00		
Lecture Sessions 5 + 6 Interventional Session 3 Research Centre 2			CEUSTRaining Centre	Workshops 27 – 36	09:00 – 09:15		
					09:15 – 09:30		
					09:30 – 09:45		
					09:45 – 10:00		
					10:00 – 10:15		
					10:15 – 10:30		
					10:30 – 10:45		
					10:45 – 11:00		
Scientific Sessions			CEUSTRaining Centre		11:00 – 11:15		
					11:15 – 11:30		
					11:30 – 11:45		
					11:45 – 12:00		
					12:00 – 12:15		
					12:15 – 12:30		
					12:30 – 12:45		
Lunch Symposia			Workshop 22		12:45 – 13:00		
					13:00 – 13:15		
					13:15 – 13:30		
				ASAR Lecture	13:30 – 13:45		
					13:45 – 14:00		
	School of ESGAR 7 + 8	Workshops 23 – 26		Foundation Course 1	14:00 – 14:15		
						14:15 – 14:30	
Lecture Sessions 7 + 8 Interventional Session 4					CEUSTRaining Centre		14:30 – 14:45
							14:45 – 15:00
				Foundation Course 2	15:00 – 15:15		
					15:15 – 15:30		
					15:30 – 15:45		
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					16:00 – 16:15		
					16:15 – 16:30		
SAR Lecture			CEUSTRaining Centre		16:30 – 16:45		
					16:45 – 17:00		
					17:00 – 17:15		
Clinical Files 2					17:15 – 17:30		
					17:30 – 17:45		
					17:45 – 18:00		
					18:00 – 18:15		
					18:15 – 18:30		

## COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### 08:30 – 10:00 PG 1.1 Abdominal pain

Moderators: C. Matos, Lisbon/PT; V. Valek, Brno/CZ



08:30

#### Clinical Case presentation

C. Matos, Lisbon/PT

08:40

#### Abdominal pain – suspected bowel inflammation

J. Stoker, Amsterdam/NL

Learning objectives: To learn an effective imaging strategy, including the use of US, CT and MRI. To reach an accurate diagnosis and optimise radiation dose in patients with acute abdominal pain and suspected inflammation. To understand the typical and atypical imaging features of appendicitis, colonic diverticulitis using different imaging modalities.

09:00

#### Abdominal pain – suspected bowel obstruction

P. Taourel, Montpellier/FR

Learning objectives: To learn an effective imaging strategy and to apply the most appropriate CT protocol to establish an accurate diagnosis in patients with suspicion of bowel obstruction. To understand the typical and atypical imaging features of the most common causes of small and large bowel obstruction with emphasis on specific signs related to strangulation.

09:20

#### Abdominal pain – suspected bowel ischaemia

G.H. Mostbeck, Vienna/AT

Learning objectives: To learn an effective imaging strategy, including the use of multienergy CT, to establish an accurate diagnosis in patients with clinical suspicion of mesenteric ischaemia. To understand the imaging features of acute arterial, venous and non-occlusive mesenteric ischaemia. To know alternative diagnoses and specify a strategy for patient management.

09:40

#### Comments on the clinical cases

C. Matos, Lisbon/PT



## COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### 10:30 – 12:00 PG 1.2 Abdominal trauma

Moderators: B. Marincek, Cleveland, OH/US; B. Song, Chengdu/CN



10:30

#### Clinical cases presentation

B. Marincek, Cleveland, OH/US

10:40

#### Challenges for radiologists

A. Palkó, Szeged/HU

Learning objectives: To become familiar with the principles of clinical triage and know its influence on imaging algorithms used in patients with blunt and penetrating abdominal injuries. To learn about the most appropriate imaging techniques and to appraise the role of various CT protocols.

11:00

#### Solid organs

M. Scaglione, London/UK

Learning objectives: To understand imaging findings in patients with important injuries resulting from blunt abdominal trauma that involve solid organs (liver, spleen and pancreas) with emphasis on subtle findings. To learn the significance of CT findings for planning appropriate patient management in patients with liver or splenic lacerations.

11:20

#### Hollow abdominal viscera

C. Kalogeropoulou, Patras/GR

Learning objectives: To understand direct and indirect imaging findings of injuries to the gastrointestinal tract after blunt or penetrating trauma with emphasis on subtle findings. To differentiate intraperitoneal versus extra-peritoneal hollow organ rupture and its specific imaging findings.

11:40

#### Comments on the clinical cases

B. Marincek, Cleveland, OH/US

## COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### 14:00 – 15:00 PG 1.3 Non-traumatic gastrointestinal bleeding

Moderators: O. Akhan, Ankara/TR; T. Helmberger, Munich/DE



14:00

#### Clinical case presentation

T. Helmberger, Munich/DE

14:05

#### The many faces of GI bleeding – when is radiology needed?

A. Filippone, Chieti/IT

Learning objectives: To learn an effective imaging strategy to establish an accurate and early diagnosis in patients with acute GI bleeding. To become familiar with the CT protocols used and to understand the main imaging findings in patients with acute upper and lower GI bleeding.

14:30

#### How to treat GI bleeding?

S. Jackson, Plymouth/UK

Learning objectives: To be familiar with the role of diagnostic and therapeutic angiography in patients with acute GI bleeding and appraise the place of interventional radiology in treatment strategy. To understand state-of-the-art embolisation techniques in both traumatic and non-traumatic GI bleeding.

14:55

#### Comments on the clinical case

T. Helmberger, Munich/DE

## COMMON CLINICAL PROBLEMS IN ABDOMINAL RADIOLOGY

### 15:45 – 17:15 PG 1.4 Imaging of incidentalomas

Moderators: J.M. Lee, Seoul/KR; Y. Menu, Paris/FR



#### 15:45 Clinical cases presentation

Y. Menu, Paris/FR

#### 15:55 Hepatic incidentaloma

F. Caseiro Alves, Coimbra/PT

Learning objectives: To understand the most common incidental hepatic lesions found when using US, CT and MR with emphasis on benign lesions that simulate malignancy. To be familiar with imaging strategies and appropriate management of such “lesions” in both oncology and non-oncology patients.

#### 16:15 Pancreatic incidentaloma

R. Manfredi, Verona/IT

Learning objectives: To be informed about the most common incidental pancreatic lesions found when using US, CT or MR with emphasis on normal variants that simulate disease. To know how to report incidental lesions found in the pancreas on imaging. To understand the appropriate use of management and to become familiar with the best imaging methods for patient follow-up.

#### 16:35 Gastrointestinal and mesenteric incidentalomas

D. Tolan, Leeds/UK

Learning objectives: To understand the most common incidental lesions of the GI tract and mesentery found when using different imaging modalities with emphasis on benign lesions that simulate malignancy. To be familiar with the typical appearance of mesenteric panniculitis and to discuss the differential diagnosis. To know how to report incidental imaging findings in the GI tract and mesentery and to learn appropriate management.

#### 16:55 Comments on the clinical cases

Y. Menu, Paris/FR

## COLORECTAL ONCOLOGIC IMAGING

### 09:00 – 10:30 PG 2.1 **Rectal cancer: how imaging influences local treatment and outcome – a multidisciplinary team approach**



Moderator: R.G.H. Beets-Tan, Amsterdam/NL

09:00

#### **Rectal cancer treatment – what the surgeon needs to know**

G.L. Beets, Amsterdam/NL

Learning objectives: To learn about the surgical options available to treat rectal tumours in 2016. To understand the surgical options for advanced rectal cancer after chemoradiotherapy. To learn about organ preserving treatment in patients with complete tumour response after chemoradiotherapy. To be informed about the critical role of precise selection and follow-up of these patients.

09:20

#### **Poor response to neoadjuvant therapy: imaging features**

D. Burling, Harrow/UK

Learning objectives: To understand the MRI features that indicate locally advanced disease. To know which pre-operative imaging features predict a successful surgical outcome in patients with locally advanced disease and to learn findings associated with a poor outcome.

09:32

#### **Good response to neoadjuvant therapy: imaging features**

L. Curvo Semedo, Coimbra/PT

Learning objectives: To learn about the performance of DWI MRI for the assessment of good and complete response to chemoradiotherapy. To understand the MRI features of complete response.

09:44

#### **Multidisciplinary discussion**

## COLORECTAL ONCOLOGIC IMAGING

### 11:00 – 12:30 PG 2.2 Colorectal cancer: staging, monitoring & surveillance – a multidisciplinary team approach



Moderator: L. Blomqvist, Stockholm/SE

11:00

#### Staging distant disease & its surveillance

M. Gollub, New York, NY/US

Learning objectives: To compare the accuracy of US, CT, MRI and PET/CT in the detection of CRC liver and distant metastases. To understand the most appropriate follow-up protocols after colorectal cancer surgery and the role of imaging for the detection of recurrent disease during the surveillance.

11:25

#### Imaging after non-surgical treatment of liver metastases

V. Vilgrain, Clichy/FR

Learning objectives: To compare the accuracy of CT, PET CT and MR for assessment of response to chemotherapy in patients with liver metastases scheduled for surgical resection. To understand the accuracy of CT, PET CT and MR for assessment of response after minimal invasive treatment (RFA, TACE). To discuss whether imaging biomarkers can be used to evaluate treatment response.

11:50

#### Colorectal liver metastases – what is treatable in 2016? Case-based discussion

##### Panellists:

T. Helmberger, Munich/DE

M. Ryska, Prague/CZ

V. Vilgrain, Clichy/FR

R. Vyzula, Brno/CZ

Learning objectives: To be informed about the resectable versus unresectable disease. To understand the role of imaging in patient selection. To compare different therapeutic options.

## COLORECTAL ONCOLOGIC IMAGING

### 14:30 – 15:30 PG 2.3 Colorectal cancer – the post-operative abdomen

Moderators: A. Freeman, Cambridge/UK; V. Lehotska, Bratislava/SK



14:30

#### Post-operative management

N. Figueiredo, Lisbon/PT

Learning objectives: To find out about the most common colorectal surgical procedures. To learn about the management of patients with acute abdominal pain and to understand the role of imaging. To know what the surgeon needs to know from the radiologists.

14:50

#### Imaging of early complications following colorectal surgery

M. Laniado, Dresden/DE

Learning objectives: To understand the imaging features of complications that occur early after colorectal surgery and to compare the accuracy of various imaging techniques used in their detection. To get to know the best methods to answer the clinician's questions (fluoroscopy, ultrasound, CT with and without enteral contrast etc.). To be familiar with different approaches to drainage of post-operative collections.

15:10

#### Cases presentation

## 17:30 – 18:30 OPENING OF ESGAR 2016



09:00 – 10:30 LS 1 HCC: from diagnosis to patient management



Moderators: C. Bartolozzi, Pisa/IT; N. Elmas, Izmir/TR

09:00 ▶ **Clinical guidelines for patient management: when to apply, when to override**

A. Furlan, Pittsburg, PA/US

Learning objectives: To understand the current guidelines for accurate non-invasive diagnosis of HCC lesions. To learn the best approaches to use for accurate diagnosis of small HCC lesions. To know how, when and why these guidelines should be overridden.

09:20 ▶ **Atypical HCC: can we increase diagnostic confidence?**

J.-Y. Choi, Seoul/KR

Learning objectives: To understand the specific imaging findings of early/small HCC. To learn how hypovascular HCC can be diagnosed. To find out the transition from benign to malignant cirrhotic nodules. To learn about the role of different imaging techniques in the differential diagnosis.

09:40 ▶ **Interventional radiology: why, when and how to treat**

R. Golfieri, Bologna/IT

Learning objectives: To understand the most up-to-date interventional radiology techniques, both percutaneous and endovascular, for tumour control. To discuss BCLC intermediate stage and the expanding role of interventional radiology in its management. To know restaging imaging strategies following these various interventional radiology procedures.

10:00 ▶ **Illustrative case display**

C. Bartolozzi, Pisa/IT

### 09:00 – 10:30 LS 2 Female pelvic floor disorders guideline

Moderators: H. Thoeny, Bern/CH; J. Lupescu, Bucharest/RO



09:00

#### **Pelvic floor disorders: history-guided diagnosis and therapy**

S.A. Taylor, London/UK

Learning objectives: To understand the range of female pelvic floor disorders, with emphasis on the importance of obtaining an accurate patient medical history. To learn about the different medical and surgical therapies and their clinical indications.

09:30

#### **Functional anatomy of the female pelvic floor in the radiological setting**

F. Maccioni, Rome/IT

Learning objectives: To learn about the main functional anatomic landmarks in the radiological evaluation of female pelvic floor, with emphasis on the ano-rectum.

10:00

#### **ESGAR/ESUR guideline: standardised imaging and reporting of pelvic floor disorders using MRI (STIRP)**

D. Weishaupt, Zurich/CH

Learning objectives: To understand the ESGAR/ESUR guideline. To learn how to use structured reporting methods for MRI of the pelvic floor in clinical practice.



**09:00 – 10:30 IR 1 Abdominal biopsy and drainage techniques – how I do it**

Moderators: T. Andrasina, Brno/CZ; R.-T. Hoffman, Dresden/DE



**09:00**

**Indications and pre-requisites**

P.A. Almeida, Coimbra/PT

Learning objectives: To learn about the indications and pre-procedure strategies for abdominal biopsy and abscess drainage. To become familiar with the principles of image guidance and kit selection. To understand the results, potential complications and patient follow-up.

**09:30**

**How to choose a safe access route in the challenging case**

R. Garcia Marcos, Valencia/ES

Learning objectives: To understand the principles and techniques for the various biopsy and drainage routes in the challenging case including optimal routes in patients with pelvic and acute pancreatitis collections.

**10:00**

**Tips and tricks for success**

P. Reimer, Karlsruhe/DE

Learning objectives: To understand tips and tricks for reducing the risk of complications. To discuss how to optimise patient outcome including drain removal.

**09:00 – 10:30 RC 1 How to write a successful grant proposal: both small and large**

S. Halligan, London/UK; A. Plumb, London/UK



**Learning objectives:** This presentation will explain the principles that underpin a successful research grant application and why these are similar for both small and large grants. The presenters will use real examples of both good and bad applications, drawn from their experience when applying for the own grants and from their reviewing for grant awarding bodies. Finally, the presenters will propose a checklist, summarising the items considered.

**11:00 – 12:30 PC 1 ESR-ESGAR Leadership Session: The clinical radiologist in 2016**

Moderators: C. Matos, Lisbon/PT; P. Parizel, Antwerp/BE

**Lecture overview**

P. Parizel, Antwerp/BE

**Panel discussion:**

L. Martí-Bonmatí, Valencia/ES  
 Y. Menu, Paris/FR  
 A. Palkó, Szeged/HU  
 P. Parizel, Antwerp/BE  
 V. Valek, Brno/CZ

The radiologist's challenge is to improve his skills, competence and knowledge in three main areas:

- › Radiological techniques, with continued rapid technological advancements requiring fundamental knowledge of each new development
- › Clinical based and biological information, critical when participating in multidisciplinary team discussions
- › Relationships with patients, with the radiologist increasingly visible from the patient's perspective

Thus remaining a competent clinical radiologist in 2016 remains a real challenge. A key and slightly contentious issue is to develop the concept of skill mix with technologists. The outcome is to reach a win-win situation, where the radiologist is able to save time and energy in order to utilise their limited time most efficiently in order to meet the above challenges, whilst the technologist achieves satisfaction by undertaking higher level and rewarding tasks.

During this session, the goals of interprofessional cooperation will be discussed, including short term challenges such as management of post-processing in various situations including vascular imaging and oncological evaluation. In addition more debatable long-term issues such as draft/primary reports and patient interaction will be covered. Whilst the situation is still heterogeneous throughout Europe, increased skill mix can bring a number of advantages as well as pitfalls. Despite many organisational difficulties, this issue remains important in order to facilitate the clinical relevance of the radiologist and at the same time develop the role of the technologist.

14:30 – 16:00 **LS 3 Imaging small bowel obstruction and its complications**



Moderators: R.A. Frost, Salisbury/UK; N. Gourtsoyannis, Athens/GR

**14:30 Imaging features and their significance**

M. Zins, Paris/FR

Learning objectives: To understand CT imaging protocols used in the detection of small bowel obstruction and to illustrate the relevant imaging findings. To learn about the prognostic significance of key imaging findings. To discuss the complications of small bowel obstruction.

**15:00 Uncommon aetiologies not to be missed**

A. Blachar, Tel Aviv/IL

Learning objectives: To discuss important, rare causes of small bowel obstruction, including internal hernias, obturator hernias and small bowel tumours. To learn how to make an accurate diagnosis.

**15:30 Post-operative small bowel dilatation**

A. Phillips, Bath/UK

Learning objectives: To know how to differentiate between functional and early mechanical obstruction. To understand the use of Gastrografin® follow-through in the diagnosis and treatment of post-operative ileus/obstruction.

### 14:30 – 16:00 LS 4 Pancreatic neuroendocrine tumours: case-based approach

Moderators: H. Mori, Oita/JP; R. Pozzi Mucelli, Verona/IT



#### **Multidisciplinary panel discussion:**

C. Dervenis, Athens/GR

J. Votrubová, Prague/CZ

M.-P. Vullierme, Clichy/FR

Learning objectives: To know how to define specific imaging features of pancreatic neuroendocrine tumours. To understand the optimal use of the different imaging modalities in relation to tumour localisation and staging. To discuss how and when imaging makes biopsy unnecessary.

### 14:30 – 16:00 IR 2 Evidenced based IR for the HCC tumour board: what is the current literature?

Moderators: D. Malone, Dublin/IE; O. Seror, Bondy/FR



14:30

#### **Early HCC: ablation techniques versus surgery**

D. Breen, Southampton/UK

Learning objectives: To understand the evidence for the role of ablation techniques in patients with early HCC. To know the role of surgery including transplantation and to learn when surgery rather than ablation is indicated. To discuss the limitations in the current literature with regard to the efficacy of each technique.

14:55

#### **Intermediate tumours: conventional versus DEB TACE**

B. Guiu, Dijon/FR

Learning objectives: To understand the evidence for the role conventional versus DEB TACE in the management of patients with intermediate tumours. To be familiar with the pathophysiological differences of both techniques and their potential impact on outcome. To discuss the limitations in the current literature with regard to the efficacy of each technique.

15:20

#### **Rationale for radioembolisation**

M. Vouche, Brussels/BE

Learning objectives: To understand the evidence for the emerging role of radioembolisation in patients with HCC. To learn how the technique compares to alternative forms of treatment. To discuss the limitations in the current literature with regard to the efficacy of the technique.

15:45

#### **Panel discussion**

**16:30 – 17:00 HL 1 ESGAR Honorary Lecture**

Moderator: C. Matos, Lisbon/PT

**Hope or hype: the use of hybrid imaging in abdominal pathology**

E. Rummeny, Munich/DE

**17:00 – 18:00 PS 2 Clinical Files 1: Pancreatic and biliary cases**

Moderator: E. Merkle, Basel/CH

**Panellists:**

M. Bali, Brussels/BE

M. D'Onofrio, Verona/IT

A. Schreyer, Regensburg/DE



### 09:00 – 10:30 LS 5 Contrast-enhanced MR imaging of the liver: consensus statement

Moderator: A. Ba-Ssalamah, Vienna/AT



#### 09:00 ▶ **ESGAR Consensus Statement on the use of Gadolinium Chelates in liver imaging**

E. Neri, Pisa/IT

Learning objectives: To learn about the ESGAR Consensus Statement and updated recommendations on the use of Gadolinium Chelates in liver imaging. To understand the clinical indications for use of liver-specific contrast agents in liver MRI. To discuss the evidence base for these recommendations.

#### 09:30 ▶ **Extra-cellular and hepatobiliary agents: how do they work?**

L. Grazioli, Brescia/IT

Learning objectives: To understand the differences in the mechanism of action of extra-cellular and hepatobiliary contrast agents. To discuss how disease interferes with the mechanism of action of hepatobiliary contrast agents. To learn about the differences in pharmacokinetics between the available agents.

#### 10:00 ▶ **Focal liver lesions with hepatospecific agents**

C.J. Zech, Basel/CH

Learning objectives: To become familiar with the MR appearance of benign and malignant focal liver lesions using liver-specific agents. To understand whether liver-specific contrast agents have an added value in the characterisation of focal liver lesions. To learn the most common pitfalls and limitations of liver-specific contrast agents.

### 09:00 – 10:30 LS 6 Appendicitis: not so simple

Moderators: S. Stojanovic, Novi Sad/RS; Z. Tarjan, Coventry/UK



09:00

#### Imaging features and strategy

C. Schmid-Tannwald, Munich/DE

Learning objectives: To understand the imaging features of acute appendicitis. To know the role of different imaging modalities in diagnosing appendicitis and differentiating uncomplicated from complicated appendicitis. To become familiar with the optimal diagnostic strategy for diagnosing appendicitis.

09:30

#### Mimics of acute appendicitis

B. Gallix, Montreal, QC/CA

Learning objectives: To understand the mimics of appendicitis, including diverticulitis, gynaecological disorders, ileitis and Crohn's disease. To learn about the role of imaging in the differential diagnosis.

10:00

#### Tricky cases: my painful errors

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

Learning objectives: To learn from past mistakes in diagnosing appendicitis and to understand what was learned from these errors.

09:00 – 10:30 IR 3 **Evidenced based guidelines for IR in colorectal liver metastases: what is missing?**



Moderators: P. Bize, Lausanne/CH; J. Tomášek, Brno/CZ

09:00 **Small volume liver metastases: IR versus surgery**

L. Crocetti, Pisa/IT

Learning objectives: To become familiar with the evidence for the role of interventional radiology in patients with small volume liver metastases and implications of the CLOCC trial. To learn the role of surgery and when surgery rather than IR is indicated. To understand the limitations in the current literature with regard to the efficacy of each technique.

09:25 **Role of IR transarterial therapies**

H.J. Jeon, Seoul/KR

Learning objectives: To understand the different concepts of the various transarterial therapies (i.e. chemoperfusion +/- flow modification, chemoembolisation with DEB). To be familiar with the evidence for the role of transarterial therapies in patients with colorectal liver metastases. To learn about the limitations in the current literature with regard to the efficacy of the techniques.

09:50 **Advanced metastatic liver disease: rationale for radioembolisation**

R. Seidensticker, Magdeburg/DE

Learning objectives: To understand the evidence for the emerging role of radioembolisation techniques in patients with advanced metastatic liver disease and implications of the SIRFLOX trial. To know how these techniques compare to alternative forms of treatment. To learn about the limitations in the current literature with regard to the efficacy of radioembolisation in this group of patients.

10:15 **Moderator summary and discussion**

P. Bize, Lausanne/CH

09:00 – 10:30 RC 2 **How to write a research paper – from failure to success**



B. Van Beers, Clichy/FR; M. Ronot, Clichy/FR

Learning objectives: To know how to improve an original research paper with poor design and methodology into a successful one. To develop a step-by-step approach, constructed as a dialogue, from the proof of concept to measurements and biases. The presenters will propose a checklist summarising the items considered.



14:30 – 16:00 **LS 7 MR imaging of ovarian and cervical tumours – present and future role (joint session with ESUR)**

Moderators: C. Matos, Lisbon/PT; H. Thoeny, Bern/CH



**14:30 Complex cystic adnexal masses – the role of MRI**

C. Balleyguier, Villejuif/FR

Learning objectives: To understand the role of MRI in differentiating benign and malignant complex cystic adnexal masses. To be informed about the ADNEX-MRI scores. To learn the additional value of MR imaging biomarkers (perfusion and diffusion MRI).

**14:52 Whole body MRI for distant staging – advanced stage ovarian cancer**

V. Vandecaveye, Leuven/BE

Learning objectives: To understand a suitable protocol for whole body MRI for distant staging, including acquisition sequences, acquisition planes, the role of contrast media and technical requirements. To become familiar with the role of MRI for staging disease (peritoneal and distant metastases). To learn the accuracy of whole body MR imaging as compared with other methods including CT and PET. To discuss the potential role of MRI in the early assessment of treatment response and its impact on decision making in relation to respectability.

**15:14 Cervical tumours – the role of MRI**

M. Milagros Otero-García, Santiago de Compostela/ES

Learning objectives: To become familiar with the FIGO classification and its impact on management. To understand MRI findings in patients with cervical cancer and to know how MRI helps in local staging. To learn the role of MRI in the evaluation of treatment response.

**15:36 Imaging of nodal spread in pelvic malignancies**

D. Koh, Sutton/UK

Learning objectives: To understand how nodal involvement impacts on the treatment of pelvic malignancies. To learn about the accuracy, limitations and future potential of CT, MRI and PET/CT for nodal staging in patients with pelvic malignancies.

### 14:30 – 16:00 LS 8 Systemic conditions that involve abdominal organs: what you should know

Moderators: A.J. Madureira, Porto/PT; J. Rimola, Barcelona/ES



14:30

#### Malignant lymphoma

N. Courcoutsakis, Alexandroupolis/GR

Learning objectives: To learn about common sites of involvement and disease distribution in abdominal lymphoma. To understand imaging features suggestive of lymphoma and the differential diagnosis. To be informed about the role of different imaging modalities in patient management before, during and after treatment.

15:00

#### The immunocompromised patient

E. De Kerviler, Paris/FR

Learning objectives: To understand the spectrum of diseases that may be seen at abdominal imaging in the immunocompromised patient. To know the role of different imaging modalities in relation to clinical presentation. To learn about the impact of imaging findings in patient management.

15:30

#### Autoimmune disorders relevant to radiology

G. Morana, Treviso/IT

Learning objectives: To be informed about basic aspects of biology and classification of autoimmune disorders involving the abdomen. To understand the spectrum of imaging findings related to autoimmune and IgG4 related disorders. To discuss the impact of imaging findings in patient management.

**14:30 – 16:00 IR 4 Optimising liver imaging for interventional oncology**

Moderators: T. Helmberger, Munich/DE; R. García Marcos, Valencia/ES

**14:30 ▶ Pre-treatment assessment of liver metastases: basic versus advanced protocols**

S. Gourtsoyanni, London/UK

Learning objectives: To understand the clinical importance of comprehensive evaluation in potential liver metastases. To become familiar with the diagnostic efficacy of various MRI techniques for the detection and characterisation of liver metastases including DWI and perfusion sequences. To know the limitations in the current literature with regard to the efficacy of each MRI technique. To learn how to set up an efficient MRI protocol for staging hepatic metastases.

**15:00 ▶ Post-treatment: RECIST, WHO, EASL – what are we assessing?**

I. Bargellini, Pisa/IT

Learning objectives: To understand the specific differences of the various staging systems. To learn the indications and limitations of the different staging systems. To discuss the impact of the various systems on potential therapy decision making.

**15:30 ▶ Optimising protocols following IR therapies**

A. Luciani, Creteil/FR

Learning objectives: To understand the typical effects of various IR therapies (RFA, MWA, embolisation, sorafenib) on imaging findings. To learn how to adjust imaging protocols for an optimal assessment of IR results. To discuss the limitations in the current literature with regard to the efficacy of the different imaging protocols.

**16:30 – 17:00 HL 2 SAR Honorary Lecture**

Moderator: C. Matos, Lisbon/PT

**Non-invasive MR evaluation of pancreas using magnetic nanoparticles: emerging applications**

M.G. Harisinghani, Boston, MA/US

**17:00 – 18:00 PS 3 Clinical Files 2: Small and large bowel cases**

Moderator: H. Fenlon, Dublin/IE

**Panellists:**

A. Gupta, Harrow/UK

F. Iafrate, Rome/IT

M. Maas, Maastricht/NL

09:00 – 10:30 LS 9 Targeted therapies for liver cancer: impact on imaging

Moderators: L. Martí-Bonmatí, Valencia/ES; E. Rummeny, Munich/DE



09:00

**Understanding targeted therapies: a simplified dictionary for the radiologist**

V. Goh, London/UK

Learning objectives: To understand the different approaches used for targeting tumour cells. To learn the concept of personalised therapies and precision medicine.

09:30

**Targeted therapy in primary tumours and liver metastases**

O. Lucidarme, Paris/FR

Learning objectives: To learn about the usual assessment criteria for patient selection and follow-up. To understand the complementary roles of morphological and functional criteria.

10:30

**Combining targeted and interventional therapy: is it the future?**

F. Gómez Muñoz, Barcelona/ES

Learning objectives: To learn about the rationale of combining local interventional therapies with targeted therapies. To understand how percutaneous and transarterial therapies might be enhanced by adding targeted therapies. To discuss the present and evolving evidence based relating to the efficacy of these treatments.

**09:00 – 10:30 LS 10 Hepatic and pancreatic deposition disorders**



Moderators: J.M. Alustiza, San Sebastian/ES; G. D'Assignies, Rennes/FR

**09:00**

**How and why do we need to measure fat?**

C. Aube, Angers/FR

Learning objectives: To be informed about the clinical situations in which fat plays a role triggering inflammation in the liver and pancreas. To understand the different ways in which imaging can demonstrate fat. To learn the best imaging methods for quantifying fat with reference to the literature.

**09:30**

**How and why do we need to measure iron?**

M. Franca, Porto/PT

Learning objectives: To be informed about the clinical situations in which iron deposition is related to liver and pancreatic dysfunction. To understand the different ways in which iron can be demonstrated by imaging techniques. To learn the best imaging methods for quantifying iron with reference to the literature.

**10:00**

**How and why do we need to measure fibrosis?**

B. Taouli, New York, NY/US

Learning objectives: To be informed about the clinical scenarios in which fibrosis relates to liver and pancreatic dysfunction. To understand the different imaging features related to the presence and extent of liver and pancreatic fibrosis. To learn the best imaging methods for quantifying fibrosis, with emphasis on pitfalls and treatment follow-up.

09:00 – 10:30 IR 5 Video case session



Moderators: T. Helmberger, Munich/DE; S. Jackson, Plymouth/UK

09:00

**Portal vein embolisation**

P. Bize, Lausanne/CH

Learning objectives: To learn about the optimal access route, ipsilateral versus contralateral approach, conscious sedation versus general anesthesia, optimal portal vein embolisation technique as well as tips and tricks for success.

09:20

**DEB TACE for HCC**

M. Burrel, Barcelona/ES

Learning objectives: To understand standard angiographic technique, detection of feeding vessels, preparation of embolic agent, technique for drug delivery, pitfalls and tips and tricks for success. To learn how to assess endpoints. To be informed about patient monitoring.

09:40

**Percutaneous biliary drainage in Hilar obstruction**

H.-U. Laasch, Manchester/UK

Learning objectives: To understand specific indications, types of stent, access routes, blind versus US guided puncture, technique of wire guidance, placing the tube, pitfalls and follow-up.

10:00

**Percutaneous biopsy**

A. Hatzidakis, Heraklion/GR

Learning objectives: To learn about patient preparation, access routes, tips and tricks for safe technique, patient follow-up and potential complications.

10:20

**Discussion**

**13:30 – 14:00 HL 3 ASAR Honorary Lecture**

Moderator: C. Matos, Lisbon/PT

**Cancer stem cells in primary liver cancers: pathological concepts and imaging findings**

J.M. Lee, Seoul/KR

**14:00 – 15:00 PS 4 Foundation Course 1: Radiology-pathologic correlation – pancreas**

Moderators: P. Boraschi, Pisa/IT; D.F. Martin, Manchester/UK



**14:00**

**Cystic pancreatic neoplasms**

C. Triantopoulou, Athens/GR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating cystic pancreatic neoplasms. To understand specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with the pathologic diagnosis.

**14:30**

**Solid pancreatic neoplasms**

K.J. Mortelé, Boston, MA/US; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating solid pancreatic tumours. To understand specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with the pathologic diagnosis.

**15:00 – 16:00 PS 5 Foundation Course 2: Radiology-pathologic correlation – bile ducts**

Moderators: J.A. Guthrie, Leeds/UK; O. Matsui, Kanazawa/JP



**15:00**

**Chronic inflammatory cholangitis**

M. Ronot, Clichy/FR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating chronic inflammatory bile duct pathologies. To understand the specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with pathologic diagnosis.

**15:30**

**Cholangiocarcinoma**

S.Y. Kim, Seoul/KR; M. Komuta, Brussels/BE

Learning objectives: To learn about an imaging protocol for investigating suspected cholangiocarcinoma. To understand the specific imaging findings and to discuss the differential diagnosis. To correlate the imaging findings of the presented case with pathologic diagnosis.

ESGAR 2016 continues to enhance the educational value of our workshops. Throughout the meeting, a variety of workshops will be offered to registrants.

Places will be given on a first come first serve basis and although we try best to accommodate all participants, availability cannot be guaranteed.

Workshops are given by one or two ESGAR Faculty Members. Active interaction between these instructors and the “students” will be encouraged, as appropriate. Compared to a formal lecture, the smaller workshop environment is intended to facilitate more active discussion between expert instructors and the audience, allowing registrants to address their specific needs.

For 2016, the Programme Committee has established various workshops lines in addition to single topic workshops:

## SINGLE TOPIC WORKSHOPS

These workshops are addressing specific topics that are considered as important. One or two experts are presenting the topic, mostly based on clinical cases and with as much interactivity as desirable.

**WS 5, 6, 18, 19, 31**

## WORKSHOP LINES

### [FROM MY WORKSTATION]

**WS 3, 7, 8, 14, 20, 21, 29, 32**

The aim of this interactive workshop line is to participate in the evaluation and discussion of “difficult” cases during the presentation of one expert. The teaching methods will be designed to maximise active audience involvement. These workshops will help to learn how to understand and manage these situations.

### [CASE-BASED DISCUSSION]

**WS 2, 16, 27, 28, 30, 33, 34, 35, 36**

The instructor will present and comment cases related to the specific topic to illustrate key points and provide updated information on the topic.

### [QUESTIONS FROM MY COLLEAGUE]

**WS 1, 4, 9, 10, 11, 12, 13, 15, 17, 22, 23, 24, 25, 26**

Two speakers will provide a comprehensive discussion and debate on a specific topic. There will be an active exchange and dialogue between the speakers and the audience sharing updated information and practical tips.



### 08:00 – 08:45

- WS 1**    **GIST's [QUESTIONS FROM MY COLLEAGUE]**  
T.V. Bartolotta, Palermo/IT; P.R. Ros, Cleveland, OH/US



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

- WS 2**    **MR protocol, liver iron and fat [CASE-BASED DISCUSSION]**  
Y. Gandon, Rennes/FR



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

- WS 3**    **Liver transplantation [FROM MY WORKSTATION]**  
C. Catalano, Rome/IT



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

- WS 4**    **Imaging bariatric surgery [QUESTIONS FROM MY COLLEAGUE]**  
M. Rengo, Latina/IT; M. Zalcmán, Brussels/BE



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

- WS 5**    **CTC: how I perform it and how I interpret it**  
T. Mang, Vienna/AT; J. Pickhardt, Madison, WI/US



Learning objectives: To learn about different bowel preparations and fluid/faecal tagging regimens. To understand techniques for colon distension including minimisation of perforation risk and indications for the use of spasmolytics. To become familiar with CTC scanning protocols, including the need for intravenous injection of contrast medium and to understand dose reduction techniques. To learn about methods for image interpretation, including CAD.

### WS 6 **CEUS: bubbles and softwares**

V. Cantisani, Rome/IT



Learning objectives: To understand the basic principles of CEUS. To learn about different types of bubble morphology. To appreciate the different types of CEUS software.

### 09:00 – 09:45

### WS 7 **Peritoneal tumours [FROM MY WORKSTATION]**

C. Dromain, Paris/FR



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

### 10:00 – 10:45

### WS 8 **Tricky pancreatic tumour cases [FROM MY WORKSTATION]**

W. Schima, Vienna/AT



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

### 12:45 – 13:30

### WS 9 **Biliary drainage procedures in the complicated patient [QUESTIONS FROM MY COLLEAGUE]**

J.S. Lameris, Amsterdam/NL; M. Krokidis, Cambridge/UK



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### 14:30 – 15:15

#### WS 10 **Vascular diseases, perfusion disorders** [QUESTIONS FROM MY COLLEAGUE]

D. Akata, Ankara/TR; O. Benjaminov, Petah Tikva/IL



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

#### WS 11 **Whole body diffusion weighted MR** [QUESTIONS FROM MY COLLEAGUE]

E. Dresen, Leuven/BE; M. Galia, Palermo/IT



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### 15:30 – 16:15

#### WS 12 **The modern and right approach to assessing tumour response** [QUESTIONS FROM MY COLLEAGUE]

C.N. De Cecco, Latina/IT; D. Regge, Candiolo/IT



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

#### WS 13 **Optimisation of dual energy CT for liver imaging** [QUESTIONS FROM MY COLLEAGUE]

D. Marin, Durham, NC/US; S. Schindera, Basel/CH



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### 08:00 – 08:45

#### WS 14 **Imaging cirrhotic nodules** [FROM MY WORKSTATION]

R. Baron, Chicago, IL/US



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

#### WS 15 **Ablation techniques: the basics** [QUESTIONS FROM MY COLLEAGUE]

W. Prevoo, Amsterdam/NL; C. Stroszczyński, Regensburg/DE



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

#### WS 16 **Essentials in paediatric abdominal imaging** [CASE-BASED DISCUSSION]

S. Robben, Maastricht/NL



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### WS 17 **Optimal protocol for local and distant colorectal cancer staging** [QUESTIONS FROM MY COLLEAGUE]

M. Lahaye, Maastricht/NL; D. Lambregts, Maastricht/NL



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

#### WS 18 **CTC: is this a real lesion? True findings and pitfalls**

S. Gryspeerdt, Roeselare/NL; P. Lefere, Roeselare/NL



Learning objectives: To become familiar with normal anatomical findings and common pitfalls in CTC related to anatomy, anatomical variants (including variants of the ileocaecal valve), colonic spasm and stool/fluid residues. To understand typical and atypical appearances of polyps, lipomas, flat lesions, diverticulosis and cancer. To learn tips and tricks to differentiate a pitfall from a true colonic lesion.

### WS 19 **CEUS: technical requirements**

E. Quaia, Trieste/IT



Learning objectives: To understand the basic technical requirements for CEUS examinations. To learn how to perform a correct CEUS examination for various organs. To appreciate the tips and tricks for accurate CEUS examinations.

### 09:00 – 09:45

### WS 20 **Malignant biliary tumours** [FROM MY WORKSTATION]

B.-I. Choi, Seoul/KR



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

### 10:00– 10:45

### WS 21 **Primary malignant liver tumours excluding HCC** [FROM MY WORKSTATION]

C. Ayuso, Barcelona/ES



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

### 12:45 – 13:30

### WS 22 **Pancreatitis** [QUESTIONS FROM MY COLLEAGUE]

T. Bollen, Nieuwegein/NL; R. Girometti, Udine/IT



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### 14:30 – 15:15

### WS 23 **Liver masses secondary to vascular disorders** [QUESTIONS FROM MY COLLEAGUE]

K. Cortis, Nsieda/MT; B. Op de Beeck, Edegem/BE



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### WS 24 **CT and MR protocols for Crohn's diseases** [QUESTIONS FROM MY COLLEAGUE]

C. Cronin, Dublin/IE; G. Rollandi, Genova/IT



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

## 15:30 – 16:15

### WS 25 **Evidence based medicine: pancreatic cancer** [QUESTIONS FROM MY COLLEAGUE]

D.E. Malone, Dublin/IE; M. Staunton, Cork/IE



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### WS 26 **Bowel wall thickening** [QUESTIONS FROM MY COLLEAGUE]

D. Maglinte, Indianapolis, IN/US; S. Romano, Naples/IT



Learning objectives: A comprehensive discussion and debate on the specific topic, presenting two different viewpoints, will be provided. There will be an active exchange and dialogue between the speakers and the audience in order to share updated information and practical tips relating to the specific topic. Key points and conclusions of the debated topic will be summarised.

### 08:00 – 08:45

#### **WS 27** **Fistula in ano** [CASE-BASED DISCUSSION]

P. Paolantonio, Rome/IT



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### **WS 28** **Hepatospecific contrast media for the liver** [CASE-BASED DISCUSSION]

A. Ba-Ssalamah, Vienna/AT



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### **WS 29** **Difficult cases in acute abdomen** [FROM MY WORKSTATION]

C. Ridereau-Zins, Angers/FR



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

#### **WS 30** **Infiltrative-type HCC from diagnosis to treatment** [CASE-BASED DISCUSSION]

M. Lewin, Villejuif/FR



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### **WS 31** **CTC: common indications and screening**

N. Flor, Milan/IT; M. Hellström, Gothenburg/SE



Learning objectives: To understand when CTC can safely replace Colonoscopy. To get to know indications when CTC can be used if colonoscopy is unfeasible or contraindicated. To learn about the role of CTC in population and opportunistic screening. To become familiar with the most important contraindications to CTC.

### 09:00 – 09:45

#### WS 32 **Lesions in cirrhosis: not always HCC** [FROM MY WORKSTATION]

G. Brancatelli, Palermo/IT



Learning objectives: Cases illustrating diagnostic challenges and pitfalls will be presented. To understand the role of different imaging modalities in relation with the clinical scenario. To recommend imaging modalities and algorithms for proper management.

#### WS 33 **How to examine for oesophageal trauma** [CASE-BASED DISCUSSION]

F. Scholz, Burlington, MA/US



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

### 10:00 – 10:45

#### WS 34 **Optimising abdominal MR imaging protocols** [CASE-BASED DISCUSSION]

D.J. Lomas, Cambridge/UK



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### WS 35 **Abdominal manifestations of endometriosis: unbelievable but true** [CASE-BASED DISCUSSION]

E. Biscaldi, Genova/IT



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.

#### WS 36 **DWI on the abdomen – pearls and pitfalls** [CASE-BASED DISCUSSION]

K. Sandrasegaran, Indianapolis, IN/US



Learning objectives: The speaker will present a case related to the specific topic and will illustrate specific key points and provide updated information on the subject. There will be a comprehensive review and discussion of all aspects of the topic from basic concepts through to clinical practice through audience interaction and questions and answers.



The “CEUS Training Centre” covers the needs for training in the area of contrast-enhanced ultrasound which is under rapid development. The aim of this training centre will be to educate attendees on basic principles of CEUS as well as on the use of dedicated software for data analysis. A large series of clinical cases will be available for discussion. Attendees will have the opportunity to work on cases under the close tutorage of experts. Different fields of applications will be covered. Places will be given on a first come first serve basis and although we try best to accommodate all participates, availability cannot be guaranteed.

## WEDNESDAY, JUNE 15, 2016

### 08:00 – 08:45 **WS 6: CEUS: bubbles and softwares**

V. Cantisani, Rome/IT



### 09:00 – 10:30 **CEUS 1: Benign liver lesions**

Key note lecture: P. Ricci, Rome/IT

Case discussion: P. Ricci, Rome/IT; S. Bohata, Brno/CZ



### 11:00 – 12:30 **CEUS 2: Malignant liver lesions (not HCC)**

Key note lecture: E. Leen, London/UK

Case discussion: E. Leen, London/UK; V. Cantisani, Rome/IT



### 14:30 – 15:30 **CEUS 3: Hepatocellular carcinoma**

Key note lecture: C. Bartolozzi, Pisa/IT

Case discussion: V. Battaglia, Pisa/IT; F. Meloni, Como/IT



### 16:00 – 17:00 **CEUS 4: Hepatic intervention**

Key note lecture and case discussion: F. Meloni, Como/IT



## THURSDAY, JUNE 16, 2016

### 08:00 – 08:45 **WS 19 CEUS: technical requirements**

E. Quaia, Trieste/IT



### 09:00 – 10:30 **CEUS 5: Benign liver lesions**

Key note lecture: P. Ricci, Rome/IT

Case discussion: L. Romanini, Brescia/IT; S. Bohata, Brno/CZ



### 11:00 – 12:30 **CEUS 6: Malignant liver lesions (not HCC)**

Key note lecture: E. Leen, London/UK

Case discussion: E. Quaia, Trieste/IT; F. Meloni, Como/IT



### 14:30 – 15:30 **CEUS 7: Pancreas**

Key note lecture and case discussion M. D’Onofrio, Verona/IT



### 16:00 – 17:00 **CEUS 8: Small bowel**

Key note lecture: L. Romanini, Brescia/IT

Case discussion: L. Romanini, Brescia/IT; E. Quaia, Trieste/IT



This workshop line is aimed at residents who are close to their board examination. The topics follow the chapters from the European Training Curriculum (Level I - III) and the corresponding learning objectives. Our intention is that residents participate in all workshops offered within this educational line as the School of ESGAR will drive the participants through the most important topics of abdominal radiology.

Participants should register in advance, when registering for the meeting to secure a place.

## WEDNESDAY, JUNE 15, 2016

08:00

### Introduction

P. Prassopoulos, Alexandroupolis/GR

## 08:05 – 09:15 SOE 1 Basics of imaging techniques: DW-MRI and Doppler ultrasound

08:05

### Diffusion-weighted imaging in abdominal diseases

N. Papanikolaou, Stockholm/SE

#LVL



Learning objectives: To understand the principles of diffusion-weighted imaging. To become familiar with diffusion-weighted imaging techniques in abdominal organs. To learn current applications of diffusion-weighted imaging in abdominal diseases.

08:35

### Doppler ultrasound applications in abdominal diseases

D. Cokkinos, Athens/GR

#LVL



Learning objectives: To understand the principles, the clinical role and limitations of Doppler ultrasound. To learn imaging findings of Doppler ultrasound in focal lesions of abdominal organs. To know how to perform duplex Doppler examinations of the abdominal vessels; to recognise the normal and abnormal findings of the duplex Doppler study of the hepatic artery, superior mesenteric artery, portal vein and hepatic veins.

09:05

### Q & A

## 09:15 – 10:30 SOE 2 The clinical role of imaging in obstructive jaundice and gallbladder diseases

09:15

### Biliary obstruction

C.D. Becker, Geneva/CH



Learning objectives: To learn and compare imaging techniques for the evaluation of biliary obstruction. To discuss main causes of biliary obstruction and understand the corresponding imaging appearances. To understand imaging features of cholangiocarcinoma of the liver hilum (Klatskin's tumour) and to learn the tumour staging, with regard to treatment options (resectability, indication for palliation).

09:45

### Gallbladder diseases

V. Maniatis, Aabenraa/DK



Learning objectives: To understand the strengths and weaknesses of different imaging methods for the evaluation of gallbladder diseases. To learn the imaging and clinical features of acute calculous/acalculous cholecystitis and to define gangrenous and emphysematous cholecystitis. To discuss the main causes of gallbladder wall thickening and to learn the imaging features of gallbladder cancer.

10:15

### Q & A

## 14:00 – 15:15 SOE 3 Imaging of the abdominal wall and the peritoneal cavity

14:00

### Peritoneal anatomy and tumours

P. Prassopoulos, Alexandroupolis/GR



Learning objectives: To learn the clinically relevant normal radiologic anatomy of the peritoneal cavity. To list peritoneal tumours and learn imaging findings. To understand the impact of imaging in the surgical management of peritoneal tumours.

14:30

### Imaging abdominal wall hernias

D. Negru, Iasi/RO



Learning objectives: To understand the types and natural course of abdominal wall hernias. To learn imaging findings of abdominal hernias and to distinguish primary and incisional abdominal wall hernias. To discuss complications of abdominal wall hernias and post-repair findings.

15:00

### Q & A

## 15:15 – 16:30 SOE 4 Imaging in focal liver lesions

15:15

### Cystic hepatobiliary lesions

C. Stoupis, Maennedorf/CH

#LVL  
II

Learning objectives: To learn the imaging features of biliary and liver cystic lesions on ultrasound, CT and MRI. To consolidate cystic lesions in regard to appearance and evolution. To understand indications for drainage.

15:45

### Imaging features of metastases to the liver

S.M. Erturk, Istanbul/TR

#LVL  
II

Learning objectives: To learn imaging findings and patterns of metastatic disease to the liver. To understand imaging strategies for the diagnosis and follow-up of liver metastases. To become familiar with imaging findings according to guidelines.

16:15

### Q & A

## THURSDAY, JUNE 16, 2016

## 08:00 – 09:15 SOE 5 The clinical role of imaging in pancreatitis

08:00

### Imaging acute pancreatitis and complications

J.-P. Tasu, Poitiers/FR

#LVL  
II

Learning objectives: To understand the Atlanta classification of acute pancreatitis. To learn the value of clinic-biological (Ranson score, APACHE II) and CT (Balthazar's CT severity score) methods for the grading of acute pancreatitis. To know the imaging features of pancreatic necrosis, walled-off necrosis, extra-pancreatic fluid collections and complications in the case of acute pancreatitis. To discuss the role of imaging in the evaluation of severity and the treatment of complications of acute pancreatitis.

08:30

### Imaging chronic pancreatitis

G. Zamboni, Verona/IT

#LVL  
II

Learning objectives: To understand the natural history of chronic pancreatitis, to list the common causes and to learn imaging findings in chronic pancreatitis. To be familiar with the imaging features of pancreatic calcifications on plain films, ultrasound and CT. To know the indications and rationale for functional examinations of the pancreas (e.g. MRCP following secretin stimulation).

09:00

### Q & A

## 09:15 – 10:30 SOE 6 Imaging techniques for the diagnosis and staging of pancreatic cancer

09:15

### **Pancreatic cancer: CT**

N. Kartalis, Stockholm/SE



Learning objectives: To understand CT imaging findings in regard to the stage and extent of pancreatic cancer, including features that indicate non-resectability. To become familiar with a CT examination according to international standards (RECIST, WHO). To learn the basic principles and standards of post-therapy imaging evaluation.

09:45

### **Pancreatic cancer: MRI and beyond**

T. Lauenstein, Essen/DE



Learning objectives: To understand the technique and the clinical role of MRI and of associated examinations like endoscopy, endoscopic ultrasound and nuclear medicine (including PET and hybrid imaging). To get to know imaging findings in regard to the stage and extent of pancreatic tumours including features that indicate non-resectability, on MRI and ultrasound. To discuss imaging strategies in diagnosis and follow-up of patients with pancreatic cancer.

10:15

### **Q & A**

## 14:00 – 15:15 SOE 7 Imaging in colorectal cancer

14:00

### **Colorectal cancer: screening and diagnosis**

M. Morrin, Dublin/IE



Learning objectives: To understand the technique and the current indications for CT colonography. To learn the imaging findings of malignant tumours in the colon and rectum on US/CT/MRI. To discuss the role of imaging in colorectal cancer screening and diagnosis.

14:30

### **Colorectal cancer: staging and follow-up**

C. Hoeffel, Reims/FR



Learning objectives: To understand the MRI technique for rectal cancer and the role of imaging in the staging of rectal cancer and in relation to the tumour proximity with the mesorectal fascia and distance to the sphincter. To learn the TNM classification for colon cancer and appraise its prognostic value. To be informed about imaging studies according to international standards (RECIST, WHO). To learn the basic principles and standards of post-therapy imaging evaluation. To know imaging patterns and modalities used to assess for locally recurrent or metastatic colorectal cancer.

15:00

### **Q & A**

## 15:15 – 16:30 SOE 8 Essentials in GI and abdominal radiology: oesophagus and spleen

15:15

### Imaging the spleen

A. Torregrosa Andrés, Valencia/ES

#LVL  
II

Learning objectives: To know the causes and imaging features of focal splenic abnormalities, including infection and both benign and malignant masses. To understand optimal imaging strategies for the spleen according to the indication (e.g. trauma, staging of lymphoproliferative disorders, investigation of a focal lesion etc.). To become familiar with the causes of splenic calcification and of splenic enlargement.

15:45

### Imaging the oesophagus

E. Xinou, Thessaloniki/GR

#LVL  
II

Learning objectives: To understand the imaging features on plain films, contrast studies and CT in the spectrum of conditions involving the oesophagus, including oesophageal perforation, oesophageal varices, diverticulum, sliding and para-oesophageal hiatus hernia, extrinsic compression and oesophagitis. To learn the appearance of common motility disorders of the oesophagus. To become familiar with the imaging features of oesophageal cancer on CT, to know the criteria for non-resectability and lymph node involvement and to discuss the role of imaging in staging and follow-up of the disease.

16:15

### Q & A

## FRIDAY, JUNE 17, 2016

## 08:00 – 09:15 SOE 9 The clinical role of imaging in bowel inflammations and fluid collections

08:00

### Inflammatory bowel disease

A. Laghi, Latina/IT

#LVL  
II

Learning objectives: To understand imaging techniques and strategies for the evaluation of inflammatory bowel diseases. To learn imaging findings on contrast studies/CT/MRI. To be informed about the current role of imaging in the management of inflammatory bowel diseases.

08:30

### Fluid collections in the abdomen

M. Maher, Cork/IE

#LVL  
II

Learning objectives: To understand the causes and types of fluid collections in the abdomen. To learn imaging features of common fluid collections on US/CT/MRI. To discuss fluid collections according to imaging characteristics and distribution. To become familiar with the role of interventional procedures in the treatment of fluid collections in the abdomen.

09:00

### Q & A

# GENERAL INFORMATION

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## CONGRESS VENUE

The Prague Congress Centre (PCC) is one of the biggest conference venues in Central Europe. It is located in a beautiful area offering a stunning view of the city centre, the Prague Castle and the Vltava river. A metro station, as well as one of the main city traffic routes are situated very close to the congress centre, thus providing an easy reach. The historical city centre can be reached within a few minutes (two metro stops only). The initial construction work of the Prague Congress Centre was launched in 1981 as one of the most representative projects of its purpose of this time. Since then it continuously underwent major reconstructions. Today the centre provides functionality, flexibility and a maximum comfort. With its numerous amenities and cutting-edge technology, the conference centre has become a leading destination for congresses, conferences, meetings and other events.

### Address:

Prague Congress Centre  
5. Kvetna 65  
CZ – 140 21 Prague 4, Czech Republic

## CONGRESS LANGUAGE

The meeting will be held in English.

## CURRENCY

The Czech Crown (Kč, CZK), is the official currency in the Czech Republic.

## ELECTRICITY SUPPLY

In the Czech Republic the electrical current is 220 volts/50 Hz and round 2-pin plugs are standard. Americans and Canadians with 110V equipment will need a transformer which changes the voltage and an adapter to fit the plug sockets.

## EMERGENCY

The number 112 can be dialed 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 112 can be called from any telephone (landline, pay phone or cellular phone). Free of charge.

## LETTER OF INVITATION

The Central ESGAR Office will be happy to provide you with a formal invitation letter. It is understood that such an invitation is intended to help potential delegates to raise funds or to obtain a visa. This does not imply any commitment from the congress to provide financial funds or accommodation!

## 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.

## PASSPORT AND VISA

The Czech Republic is a member of the European Union. The entry requirements for the Czech Republic vary depending on country of origin. All visitors entering the Czech Republic must possess a valid passport or national ID card (for EU nationals). On the official website of the Czech Foreign Ministry you can find out whether you need a visa for visits to the Czech Republic.

## TELEPHONE

The international dialing code to the Czech Republic is 00420. For Prague you have to dial (0)2.

## TIME ZONE

The time in the Czech Republic is GMT + 1 hour. Daylight Saving Time: +1 hour





Prague is the most attractive meeting destination in the Czech Republic. The City of a Hundred Spires on the Vltava river is known to people from all over the world and ranks among the most beautiful cities in Europe. Its uniquely preserved historical centre, a UNESCO World Heritage Site since 1992, reflects eleven centuries of history. This culturally rich city full of fabulous monuments charms visitors not only with its impressive and diverse architecture as well as breath-taking views, but also its intimate, romantic atmosphere. Prague has always been a crossroad of the most important trading routes, as well as a cultural and political centre of Europe. It is the link between Eastern and Western Europe and Prague's location in the heart of Europe makes the city easily accessible.

## CLIMATE

Similarly to other Central European countries, the continental climate in the Czech Republic is characterised by warm summers, moderate winters and no extreme temperatures. June usually brings plenty of sunshine and the average daily high temperature of 24 °C.

## LANGUAGE

The official language in the Czech Republic is Czech. It belongs to the group of West Slavic languages.

## OPENING TIMES

The majority of shops and shopping centres are open from Monday to Friday from 8:00 to 18:00 and on Saturday mornings.

## SMOKING

Smoking is prohibited in all enclosed and covered public places.

## WATER

Prague's tap water is safe to drink and of good quality. If preferred, bottled mineral water can be purchased very cheaply from local supermarkets.

## GETTING TO PRAGUE

### BY PLANE

The “Václav Havel Airport Prague” is the largest international airport in the Czech Republic, located only 20 km from the city centre.

Connections between the airport and the city centre:

#### **Airport Express AE bus**

The Airport Express AE bus line operates daily at regular 30-minute intervals between 05:30 and 22:00. It connects the airport (Terminal 1 and 2) with the Prague main rail station “Hlavní Nádraží” (located on metro line C). The estimated journey time is 35 minutes. Ticket: approximately 60 CZK (one way including luggage).

#### **Public transport**

The cheapest option to get from the airport to the city centre is taking the public transport. Bus no. 119 connects the airport with the metro station “Nádraží Vevešlavín” (line A), whereas bus no. 100 stops at metro station “Zličín” (line B). The busses run every 15 minutes. The journey takes 45 – 60 minutes.

#### **Taxi**

The estimated journey time to the city centre is about 30 minutes. It is recommended to fix the price in advance. The price will be around 500 to 800 CZK.

### BY TRAIN

Prague is well connected. The main railway station is „Hlavní Nádraží“. It is located on metro line C and only a 10-minute walk to Wenceslas Square. International trains operate from Amsterdam, Berlin, Budapest, Munich, Vienna, Zurich to name just a few destinations. Intercity trains operate very frequently. The second train station in Prague is „Nádraží Holesovice“, also operating international railway connections.

## GETTING AROUND PRAGUE

Using the public transport system is the fastest and cheapest way of getting around.

The metro runs every day including public holidays from around 05:00 to 24:00. Trains operate frequently from 2 minutes during rush hour up to 5 – 10 minutes during the off-peak. There are three metro lines: line A (green), line B (yellow) and line C (red).

Further there are numerous trams that cross the city. The wide choice of routes and frequent stops make them a convenient choice. Trams operate daily from 04:30 to 24:00. From midnight to 04:30 special night trams (no. 51 – 59) run every 30 minutes.

Buses cover the outskirts and surroundings of Prague. They run from 04:30 until midnight. Night busses (no. 501 – 513) operate from 24:00 until 04:30.

Tickets for metro, tram and bus lines can be bought at metro stations, ticket machines as well as selected newsagents and hotels. You can purchase a single ticket, but also tickets valid for 24 hours (110 CZK) or three days (310 CZK).



## REGISTRATION

Registration for ESGAR 2016 will be possible via the ESGAR Website starting from January 2016. Information regarding registration fees and deadlines will be announced soon.

For more details, please refer to [www.esgar.org](http://www.esgar.org).

## HOTEL ACCOMMODATION

“C-IN” has been appointed as the official travel agent for ESGAR 2016 and will handle all hotel booking requests for individual participants and groups.

### C-IN

5. Kvetna 65  
CZ – 140 21 Prague 4, Czech Republic  
Phone: +420 261 174 301  
Fax: +420 261 174 307  
E-Mail: [esgar2016@c-in.eu](mailto:esgar2016@c-in.eu)



For registered participants of ESGAR 2016 C-IN has secured a number of hotel rooms in different price categories at attractive rates in Prague. A link from the ESGAR Website will lead you to the online booking system provided by C-IN.

Please refer to the online booking system regarding payment and cancellation policies as well as applicable terms & conditions. In order to secure your accommodation please make your reservation as soon as possible. All requests will be handled on a first come first served basis.

**The deadline for reservations with guaranteed rates is May 5, 2016. After this date rooms and rates are subject to availability upon request.**

Please note that ESGAR is an intermediary between you and C-IN. For all organisational details, booking requests, changes and cancellations and please contact C-IN.

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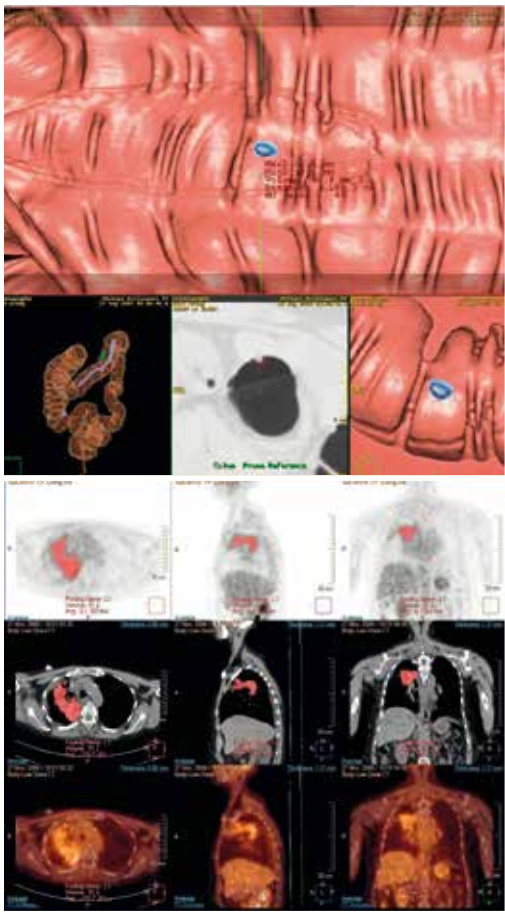
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