

Determinazione del Responsabile Ufficio Formazione nº 385 del 29 APR. 2015

Oggetto: Aggiornamento senza oneri, Dirigente Medico, Dott. Argiolas Giovanni Maria.

Pubblicata all'Albo Pretorio dell'Azienda Ospedaliera a partire dal \_\_\_\_\_\_ per 15 giorni consecutivi e posta a disposizione per la consultazione.

### Il Responsabile Ufficio Formazione

Visto

il D. Lgs. n. 502/92 e successive modificazioni ed integrazioni;

**Viste** 

le Leggi Regionali n. 10/2006 e n. 05/2007;

Vista

la Deliberazione n. 263 del 04.03.2015, con la quale il Commissario Straordinario ha autorizzato il Responsabile dell'Ufficio Formazione Dott. Andrea Corrias, a predisporre le Determinazioni:

De

Vista

la comunicazione Prot. n° 9485 del 24.04.2015 con la quale la Ditta Bracco Imaging Italia S.r.I. si è resa disponibile ad invitare un Medico della S.C. Radiologia al Congresso: "ESGAR-European Society of Gastrointestinal & Abdominal Radiology Meeting" che si terrà a Parigi dal 09.06.2015 al 12.06.2015;

Considerato

che il Direttore del Dipartimento di Diagnostica per Immagini ha autorizzato a partecipare al suddetto Congresso il Dott. Argiolas Giovanni Maria;

Atteso

che il Responsabile dell'Ufficio Formazione ha espresso parere favorevole in merito;

Ritenuto

di dover autorizzare la partecipazione del Dott. Argiolas Giovanni Maria al Congresso: "ESGAR

- European Society of Gastrointestinal & Abdominal Radiology Meeting" che si terrà a Parigi dal 09.06.2015 al 12.06.2015; di dover prendere atto che le spese di iscrizione, viaggio e

pernottamento saranno totalmente a carico della Ditta Bracco Imaging Italia S.r.l.

#### **DETERMINA**

Per i motivi esposti in premessa:

- Autorizzare la partecipazione del Dott. Argiolas Giovanni Maria al Congresso: "ESGAR-European Society of Gastrointestinal & Abdominal Radiology Meeting" che si terrà a Parigi dal 09.06.2015 al 12.06.2015.
- 2. Dare atto che le spese di iscrizione, viaggio e pernottamento saranno totalmente a carico della Ditta Bracco Imaging Italia S.r.l.
- 3. Trasmettere la presente determinazione al Direttore della S.C. del Personale per gli adempimenti normativi di competenza.

Il Responsabile dell'Ufficio Formazione Dott. Andrea Corrias



**OTUN**3VR39

2 ¢ APR, 2015

UFFICIO FORMAZIONE

AO BROTZU

PG/2015/ 0009485

del 24/04/2015 ore 08,52

Mittente BRACCO

Assegnatario . DIREZIONE GENERALE

Spett.le Direzione Generale Ufficio Formazione Azienda Ospedaliera Brotzu

Milano 23 Aprile 2015

Con la presente segnaliamo la disponibilità di Bracco Imaging Italia a supportare le spese di partecipazione (iscrizione, viaggio e pernottamento) di un medico radiologo della Radiologia al congresso "Esgar - European Society Of Gastrointestinal & Abdominal Radiology Meeting", che si terrà a Parigi il 9-12 Giugno 2015, per il quale abbiamo chiesto autorizzazione all'AIFA.

nella positiva valutazione di questa offerta che è unicamente finalizzata a favorire l'aggiornamento scientifico e professionale nel settore tema della manifestazione

Cogliamo l'occasione per inviare cordiali saluti.

Bracco Imaging Italia srl

Country Manager

< ) PROPORTE IL POTTO & GIOVARMIN. ARGICLE

mariacristina.lizzio@bracco.com manuela.fumagalli@bracco.com

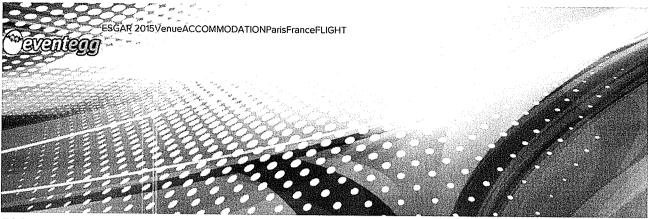
> AZIENDA OSPEDALIERA "G, BROTZU" DIPARTIMENTO DI DIAGNOSTICA CERLIMMAGINI Direttere Dott. Pier Paolo Bacchiddu

Bracco Imaging Italia s.r.l. Sede Legale- Via Egidio Folli 50 - I-20134 Milano - Uffici - Via Caduti di Marcinelle, 13 - 1/20134 Milano - tel. +39.02217 www.braccoimaging.com - capitale sociale € 10.000.000 i.v. - cod. fisc., partita IVA, reg. imp. di Milano 05501420961 - REA n.1826510

Socielà con unico socio soggetta all'allività di direzione e coordinamento della Bracco Imaging s.p.a.







### **ESGAR 2015**

### 26th Euroepan Society Of Gastrointestinal And Abdominal Radiology Meeting

09 - 12 June 2015 / France, Paris Home > ESGAR 2015

Event Type

: Meeting

Categories

: Gastrointestinal, Abdominal, Gastrointestinal Pharmacology, Medical, Health, Anatomy,

Diagnosis, Intestinal Tract, Gastrointestinal Radiology, Abdominal Radiology, Radiology

Venue

: CNIT - Center of New Industries and Technologies Q Click for map & venue info

Tunnel de Nanterre-La Defense Paris France

#### **Event Description**

**ESGAR 2015, 26th Euroepan Society Of Gastrointestinal And Abdominal Radiology Meeting** is organized between 09 June, 2015 and 12 June, 2015.

The Meeting place is Center of New Industries and Technologies.

ESGAR 2015, 26th Euroepan Society Of Gastrointestinal And Abdominal Radiology Meeting covers fields like Gastrointestinal, Abdominal, Gastrointestinal Pharmacology, Medical, Health, Anatomy, Diagnosis, Intestinal Tract, Gastrointestinal Radiology, Abdominal Radiology and Radiology.

The number of people expected to participate in this Meeting is nearly 1000.

26th Euroepan Society Of Gastrointestinal And Abdominal Radiology Meeting is organized annually.

#### Official Event Web Site

Click for official site of ESGAR 2015

ESGAR 2015 is going to be presented by European Society of Gastrointestinal and Abdominal Radiology.

### European Society of Gastrointestinal and Abdominal Radiology

ESGAR was founded in 1990.

Click for Official site of ESGAR

**ESGAR Contact Information** 

#### Address:

Neutorgasse 9

AT - 1010 Vienna, Austria

Phone: +43 1 535 89 27 Fax: +43 1 535 70 37 E-Mail: office@esgar.org

#### Important Dates

Abstract Submission Deadline - 15.01.2015 Early Registration Deadline - 17.03.2015 Pre-Registration Deadline - 05.05.2015

### Find your hotel for ESGAR 2015 now

Best hotel rates

Free cancellation on most rooms

### Booking on

#### Search Hotels

Destination Venue

CNIT - Center of New Industries and

Check-in date

08-06-2015

Check-out date

12-06-2015

#### SEARCH

Share	th	is ev	ent		ww.		
0		0		L	0		
Tweet		0					
		<u></u>					
Print	Bookmark			e-besquie	Calendar		
				i		•	

Fra	nce
Ger	neral Information
Cap	ital
Paris	
Palls	
Curr	ency
Euro	(€) EUR
lanc	juage
Fren	
rieii	CII
Traff	fic flows on the
Righ	t
Calli	·
	ng code
33	
lmpc	ortant phone numbers

## TUESDAY, UUNE 9, 2015 Postgraduate course 1 (pg)

### MAGNETIC RESONANCE OF THE ABDOMEN: FROM THE PROTOCOL TO THE REPORT

08:25

### **Opening remarks**

### 08:30 - 10:00 PG 1.1 Liver

Moderators: L. Martí-Bonmatí, Valencia/ES; Y. Menu, Paris/FR

08:30

### Liver: how I do it

V. Vilgrain, Clichy/FR

<u>Learning objectives</u>: To learn which acquisition sequences, patient preparation, are optimal for liver imaging including anatomical sequences, evaluation of iron overload and basic functional imaging.

09:00

### Liver solid benign tumours

R. Baron, Chicago, IL/US

<u>Learning objectives:</u> To be familiar with difficult cases: atypical angiomas, FNH and subtypes of adenomas and to learn how systematic analysis helps in the optimal classification of benign liver tumours.

09:20

#### Liver metastases of colorectal cancer

F. Caseiro Alves, Coimbra/PT

<u>Learning objectives:</u> To learn why MRI is necessary and usually better than CT for the detection and staging of liver metastases. To be familiar with the main rules that help in the treatment strategy (surgery, neo-adjuvant chemotherapy, palliative chemotherapy).

09:40

### Liver primary tumours in chronic liver disease

G. Brancatelli, Palermo/IT

<u>Learning objectives:</u> To learn how MRI helps in the classification of cirrhotic nodules and in the detection of early HCC. To be familiar with the role of each sequence, including T1W, T2W, DWI and contrast enhanced T1W with and without liver specific contrast media.

### MAGNETIC RESONANCE OF THE ABDOMEN: FROM THE PROTOCOL TO THE REPORT

### 10:30 - 12:00 PG 1.2 Pancreas and bile ducts

Moderator: R. Frost, Salisbury/UK

10:30 Pancreas and bile ducts; how I do it

C. Matos, Brussels/BE

<u>Learning objectives:</u> To provide the routine protocols for ancreatic imaging. To understand the different techniques of MRCP and dynamic MRI (including secretin). To appraise the role of DWI and contrast enhancement and to be familiar with usual artefacts.

11:00 Pancreas: when MR beats CT

M. Zins, Paris/FR

<u>Learning objectives:</u> To understand the role of MRI in the detection and staging of pancreatic adenocarcinoma, neuroendocrine tumours, cystic tumours and inflammation. To be familiar with the main differences between MRI and CT. To learn when one technique is more applicable and when the two modalities need to be associated.

11:30 Bile ducts: main challenges

E. Merkle, Basel/CH

<u>Learning objectives:</u> To understand how the appropriate imaging technique can be directed by the clinical question. To learn the MRI signs of the most common biliary diseases. To become familiar with the difficulties in interpreting subtle abnormalities.

## TUESDAY, JUNE 9, 2015 POSTGRADUATE COURSE 1 (PG)

### MAGNETIC RESONANCE OF THE ABDOMEN: FROM THE PROTOCOL TO THE REPORT

### 14:30 - 15:30 PG 1.3 IBD and fistula in ano

Moderator: N. Elmas, Izmir/TR

14:30

IBD: how I do and report

A. Laghi, Latina/IT

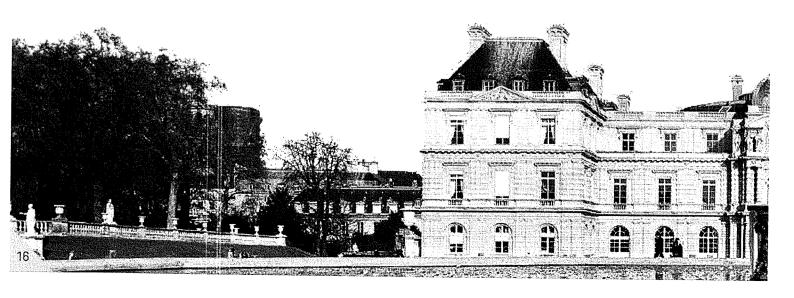
<u>Learning objectives:</u> To learn how to perform, interpret and report MRI for the initial assessment including activity of both small and large bowel Crohn's disease andulcerative colitis. To learn about the advantages and limitations of the technical options (oral contrast, enteroclysis) and main sequences including cine sequences.

15:00

Fistula in ano

D. Tolan, Leeds/UK

<u>Learning objectives:</u> To learn how to perform, interpret and report MRI for the initial assessment of fistula in ano. To understand how to describe the different types of fistula using the Park's classification. To learn how to assess disease activity and the implications of MR findings in planning surgical treatment.



### MAGNETIC RESONANCE OF THE ABDOMEN: FROM THE PROTOCOL TO THE REPORT

### 16:00 - 17:00 PG 1.4 Pelvis

Moderator: B. Marincek, Cleveland, OH/US

16:00

**Pelvic floor dysfunction** D. Weishaupt, Zurich/CH

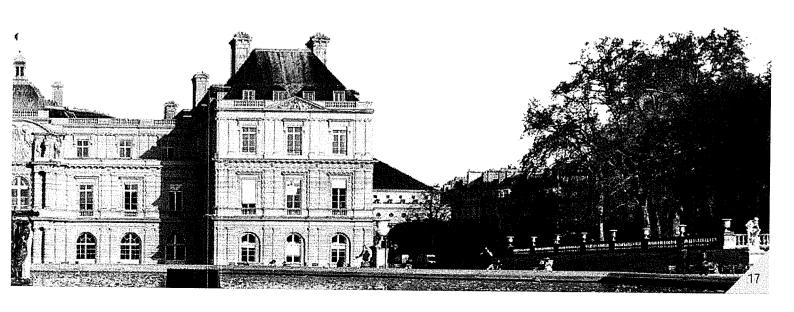
<u>Learning objectives:</u> To learn about the clinical entities that give rise to prolapse of the anterior, middle and posterior pelvic floor compartments. To understand how to perform, interpret and report MRI for the diagnosis and grading of pelvic floor prolapse.

16:30

Rectum: how I do and report MR for rectal cancer

M. Gollub, New York, NY/US

<u>Learning objectives:</u> To learn about the optimal MR technique and protocol in staging rectal cancer. To understand standardised reporting for MRI primary staging and restaging after chemoradiotherapy. To learn how to interpret the MRI appearances of rectal cancer.



## TUESDAY, JUNE 9, 2015 POSTGRADUATE COURSE 2 (PG)

### GI ONCOLOGIC IMAGING: FROM DIAGNOSIS TO INTERVENTION

# 09:00 - 10:30 PG 2.1 Multidisciplinary team discussion: imaging of rectal cancer - how it influences treatment and outcome

Moderator: R. Beets-Tan, Maastricht/NL

#### Multidisciplinary Team:

- G. Beets, Maastricht/NL
- J. Lefevre, Paris/FR
- L. Blomqvist, Stockholm/SE

### Learning objectives:

To become familiar with the different treatment strategies, including preoperative treatments and surgical techniques. To know the relevant clinical questions and understand how radiologists can address these questions. To learn about the role of MRI, EUS and PET/CT. To know how MR findings impact treatment. To understand the difficulties in MR interpretation. To know how to evaluate response after chemoradiotherapy and understand how MR findings may alter surgical approach. To become familiar with organ preservation in rectal cancer. To understand the new role of the radiologist during the selection and follow up of these patients.

## 11:00 – 12:30 PG 2.2 Multidisciplinary team discussion: the essentials of Hepatocellular Carcinoma

Moderator: C. Bartolozzi, Pisa/IT

### Multidisciplinary Team:

T. Helmberger, Munich/DE

A. Luciani, Paris/FR

D. Azoulay, Paris/FR

<u>Learning objectives:</u> To learn how to interact in the setting of a multidisciplinary HCC tumour board. To understand the relevant clinical and radiological problems affecting patient management. To learn the relevant guidelines that govern clinical decision making including therapeutic options.

## WEDNESDAY, JUNE 10, 2015 LECTURE SESSION (LS)

### 09:00 - 10:30 LS 1 Rare tumours/pseudotumours that are easy to identify

Moderators: P. Leander, Malmö/SE; B.I. Choi, Seoul/KR

09:00 Liver (angiomyolipoma, ciliated liver cyst, pseudotumour, distomatosis, echinococcosis)

C. Aubé, Angers/FR

<u>Learning objectives:</u> To learn about the US, CT and MR imaging appearances of rare liver tumours or pseudotumours with typical presentation including: angiomyolipoma, HNF1alpha mutated liver adenoma, ciliated liver cyst, distomatosis, echinococcosis and hepar lobatum carcinomatosum.

09:30 Pancreas (SPT, Pancreatoblastoma, cystic endocrine tumours, intra pancreatic spleen)

C. Triantopoulou, Athens/GR

A. Filippone, Chieti/IT

<u>Learning objectives:</u> To learn about the US, CT and MR imaging appearances of rare pancreatic tumours or pseudotumours with typical presentation including: solid and pseudopapillary tumour, intrapancreatic accessory spleen, endocrine tumours with cystic transformation, pancreatic metastases from clear cell renal adenocarcinoma, annular pancreas and periportal annular pancreas, intrapancreatic lymphoma, intraductal neuro endocrine tumour.

Peritoneum and mesentery (mesothelioma, desmoid)

<u>Learning objectives:</u> To learn about the US, CT and MR imaging appearances of rare peritoneal and mesenteric tumours or pseudotumours with typical presentation including: multicystic mesothelioma, pseudomyxoma peritonei, gossybipoma, abdominal cocoon, carcinoid tumours and desmoid tumours with abdominal wall involvement.

....

10:00

### 09:00 - 10:30 LS 2 Pancreatitis

Moderators: J.-P. Tasu, Poitiers/FR; R. Maksimovic, Belgrade/RS

### 09:00 Revisiting the Atlanta 2012 classification

F.H. Miller, Chicago, IL/US

<u>Learning objectives</u>: To understand the Atlanta classification of acute pancreatitis on the basis of the recent reclassification. To learn how it impacts on AP severity and patient outcome regarding mortality, morbidity and hospital length of stay. To understand how and when cross-sectional imaging should be used and why a standardised reporting terminology is important to clinical management.

### 09:30 Challenging situations in chronic pancreatitis

R. Pozzi-Mucelli, Verona/IT

<u>Learning objectives:</u> To understand the role of cross-sectional imaging in chronic pancreatitis, including paraduodenal pancreatitis. To learn about the role of endoscopic and CEUS in chronic pancreatitis. To appreciate the added value of functional imaging (secretin, perfusion, diffusion). To understand relevant clues regarding the differential diagnosis with pancreatic adenocarcinoma.

### 10:00 AutoImmune pancreatitis

S. Jackson, Plymouth/UK

<u>Learning objectives:</u> To learn about the main imaging diagnostic findings and the International Consensus Diagnostic Criteria. To understand the best strategies to distinguish from pancreatic cancer. To appreciate how imaging can help to separate the two clinicopathologic syndromes (types 1 and 2) and the relationship between imaging manifestations, natural history and treatment response.

## WEDNESDAY, JUNE 10, 2015 Interventional radiology (IR)

### 09:00 - 10:30 IR 1 Liver ablation by the experts

Moderators: C. Ayuso, Barcelona/ES; I. Bargellini, Pisa/IT

09:00 RF and MW: how can we choose

D.J. Breen, Southampton/UK

<u>Learning objectives:</u> To learn about the pros and cons between the two techniques. To understand the specific indications for when each technique should be considered. To become familiar with normal post procedural imaging appearances.

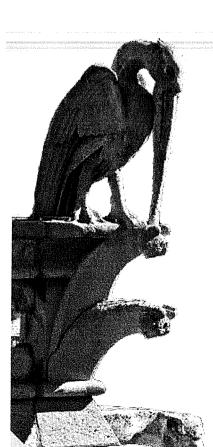
09:30 Complications of liver ablation and how to manage them

R. Hoffmann, Dresden/DE

<u>Learning objectives:</u> To understand the potential complications during ablation and how to recognise early complications. To learn about tips and tricks for managing complications. To become familiar with the assessment of treatment efficacy.

10:00 Tips and tricks in the challenging patient
O. Seror, Bondy/FR

<u>Learning objectives:</u> To understand the challenging factors when considering ablation. To learn about tips and tricks in order to overcome these challenges. To become familiar with the role of combination therapies to facilitate the outcome of difficult cases.



## WEDNESDAY, JUNE 10, PROFESSIONAL CHALLENGE (PU)

# 11:00 – 12:30 PC 1 ESR-ESGAR Leadership Session: how can radiologists best control the referral pathway?

Moderators: L. Donoso, Barcelona/ES; L. Martí-Bonmatí, Valencia/ES

### The ESR and the clinical decision support system (CDSS)

L. Donoso, Barcelona/ES



### The patient, the clinician, the radiologist and the computer

D. Caramella, Pisa/IT

Panel discussion:

D. Caramella, Pisa/IT

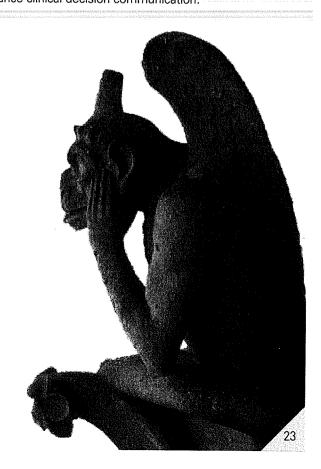
L. Donoso, Barcelona/ES

M. Farthing, Brighton/UK

L. Martí-Bonmatí, Valencia/ES

Y. Menu, Paris/FR

Radiologists always wanted to perform the right imaging study at the right moment. They also intend to propose the best strategy regarding imaging management of patients. However, such an approach needs optimal commitment with referring physicians and optimally goes through adapted tools, since direct exchange is virtually impossible due to the overload of workflow. The radiological report is the answer from the radiologist to the clinician. It is anticipated that this report will change a lot in the future, with the inclusion of multimedia content, links to images and possibilities to compare easily recurrent examinations. In this session we will address the problem and its pros and cons, in order to foresee possible solutions that may enhance clinical decision communication.



## WEDNESDAY, JUNE 10, 2015 LECTURE SESSION (LS)

### 14:30 — 16:00 LS 3 From the European Curriculum: gallbladder — not so simple!

Moderators: B. Op de Beeck, Edegem/BE; S. Yarmenitis, Maroussi/GR

### 14:30 The gallbladder wall revisited

G. Mostbeck, Vienna/AT

<u>Learning objectives:</u> To learn about the anatomy and normal imaging appearances of the gallbladder (GB) wall using US, CEUS, CT and MR. To understand the various underlying etiologies of non-inflammatory and non-tumorous GB wall pathology. To learn the various reasons for GB wall thickening in the asymptomatic patient. To appreciate the differential of these entities.

### 15:00 Cholecystitis

I. Boulay Coletta, Paris/FR

<u>Learning objectives</u>: To learn about the risk factors and different forms of cholecystitis (calculous vs. acalculous, acute vs. chronic). To describe the characteristic imaging findings and relate to the clinical context. To be informed about common complications and their radiological appearances as seen by various modalities.

### 15:30 Gallbladder tumours

J.S. Lameris, Amsterdam/NL

<u>Learning objectives:</u> To learn about the various benign and malignant tumours of the GB. To appreciate the diagnostic clues using US, CEUS, CT and MR for the differential diagnosis. To understand the TNM staging of GB carcinoma.

## 14:30 – 16:00 LS 4 Optimising detection and characterisation of neuroendocrine tumours (GEP-NET)

Moderators: E. Rummeny, Munich/DE; P. Ruszniewski, Clichy/FR

### 14:30 Clinical challenges

P. Ruszniewski, Clichy/FR

<u>Learning objectives:</u> To present the main clinical challenges for neuroendocrine tumours and the general orientations for the treatment.

### 14:45 Diagnosis of gastro-entero-pancreatic neuroendocrine tumours (GEP-NET)

N. Carroll, Cambridge/UK

<u>Learning objectives:</u> To learn how to recognise the specific imaging features of GEP-NET. To understand the strengths and weaknesses of the different imaging modalities. To know more about the optimal use of the different imaging modalities in relation to tumour location and staging.

### 15:15 Treatment and follow-up

J.I. Bilbao, Pamplona/ES

<u>Learning objectives:</u> To learn about the relevant patient selection for interventional procedures. To understand about the role, performance and potential outcome of interventional procedures in the treatment of GEP-NET. To become familiar with relevant imaging modalities for follow up and the typical findings after treatment.

### 15:45 Case-based discussion

E. Rummeny, Munich/DE

### 16:30 - 17:00 HL 1 ESGAR Honorary Lecture

Moderator: L. Martí-Bonmatí, Valencia/ES

Abdominal MRI: where next?

D.J. Lomas, Cambridge/UK

### 17:00 - 18:00 PS 2 Clinical Files 1: Emergencies

Moderator: G. Mostbeck, Vienna/AT

Panellists:

P. Paolantonio, Rome/IT

C. Stroszczynski, Regensburg/DE

C. Kalogeropoulou, Patras/GR

## THURSDAY, JUNE 11, 2015 LECTURE SESSION (LS)

### 09:00 - 10:30 LS 5 Abdominal trauma

Moderators: V. Maniatis, Aabenraa/DK; S.M. Erturk, Istanbul/TR

### 09:00 Injury mechanism and imaging protocols

A. Palkó, Szeged/HU

<u>Learning objectives:</u> To learn about the role of US and CT, the importance of CT protocols, how to avoid mistakes and the place of imaging in treatment planning.

### 09:20 Solid organs: liver, spleen and pancreas

M. Laniado, Dresden/DE

<u>Learning objectives:</u> To learn about classification of solid organ trauma, indications for US and CT, how to avoid mistakes, indications for emergency surgery and follow-up strategies.

### 09:40 Hollow organs and mesentery

M. Scaglione, Castel Volturno/IT

<u>Learning objectives:</u> To learn about classification of mesenteric and hollow organ trauma and their early detection, how to avoid mistakes, indications for emergency surgery and follow-up strategies.

### 10:00 Non-surgical management of trauma

C.D. Becker, Geneva/CH

<u>Learning objectives:</u> To learn about indications for emergency intervention, when non-interventional follow-up is the best decision and when delayed intervention is indicated.

10:20 Discussion

## THURSDAY, JUNE 11, 2015 Interventional radiology (IR)

### 09:00-10:30 IR 2 New tools and techniques in hepatic intervention

Moderators: R. Golfieri, Bologna/IT; S. Terraz, Geneva/CH

### 09:00 Thermal-ablative techniques: the requisites

T. De Baere, Villejuif/FR

<u>Learning objectives:</u> To become familiar with the current range of ablative techniques. To understand the current results and limitations in this field.

### 09:30 Current status of endovascular IR techniques

A. Denys, Lausanne/CH

<u>Learning objectives:</u> To become familiar with the current range of endovascular techniques. To understand the current results and limitations in this field.

### 10:00 Liver intervention: the future is bright!

P. Pereira, Heilbronn/DE

<u>Learning objectives:</u> To learn about the possible future directions and advances in liver intervention. To understand the likely paradigm changes that may occur in this field.

## THURSDAY, JUNE 11, 2015 Honorary Lecture (HL) / Research centre (RC)

### 14:30 - 15:00 HL 2 SAR Honorary Lecture

Moderator: L. Marti-Bonmatí, Valencia/ES

How radiologists can add value to the management of patients with Crohn's disease J. Leyendecker, Winston-Salem, NC/US

### 14:30 - 16:00 RC 2 How to perform and interpret systematic review and meta-analysis

Moderator: E. Neri, Pisa/IT

### 14:30 How to perform a systematic review

A. Plumb, London/UK

<u>Learning objectives</u>: To learn why systematic reviews are necessary and how they differ from narrative reviews, with an emphasis on imaging. To learn how a research question is developed for systematic review. To become familiar with inclusion and exclusion criteria for the review. To understand how the primary literature is identified, searched and selected. To learn how the extraction is performed.

### 14:55 Data analysis & presentation including meta-analysis

S. Bipat, Amsterdam/NL

<u>Learning objectives:</u> To find out how mathematical and non-mathematical data from systematic reviews are analysed. To learn what statistical metrics may be used for exploration of mathematical data from the review. To understand the use of SROC plots in meta-analysis of imaging studies.

## 15:20 Interpretation of review data: examples from the Cochrane Library and imaging literature

M. de Haan, Amsterdam/NL

<u>Learning objectives</u>: To learn how to interpret data from systematic review, including meta-analysis, using examples from the Cochrane Library and imaging literature. To understand the distinction between interpretation of the systematic component vs. the meta-analytical component of a review, using examples from the current literature. Using existing reviews, to learn how systematic review can identify a need for future research and guide research agendas. To understand the use of QUADAS as a tool for assessing review quality.

15:45 Discussion

### 09:00 - 10:30 LS 8 Inflammatory bowel disease (basic level)

Moderators: V. Valek, Brno-Bohunice/CZ; Y. Bouhnik, Clichy/FR

### 09:00 The natural history of the disease: what the radiologist needs to know

Y. Bouhnik, Clichy/FR

<u>Learning objectives:</u> To be informed about the natural history of inflammatory bowel diseases. To learn the clinical phenotypes of Crohn's disease. To understand clinical and endoscopic indexes of disease activity.

### 09:15 BD sign by sign - Crohn's disease

J. Stoker, Amsterdam/NL

<u>Learning objectives:</u> To learn the basic imaging techniques used in Crohn's disease. To understand Crohn's imaging phenotypes using ultrasound, CT and MRI. To know how Crohn's imaging phenotypes/disease activity correlate with clinical findings, endoscopy and/or histopathology.

### 09:45 | BD sign by sign – ulcerative colitis

D. Tolan, Leeds/UK

<u>Learning objectives:</u> To learn the basic imaging techniques and findings in ulcerative colitis. To understand the complications of ulcerative colitis. To learn how imaging findings of disease activity correlate with clinical findings, endoscopy and/or histopathology.

#### 10:15 Case-based discussion

V. Valek, Brno-Bohunice/CZ

### 14:00 - 14:30 HL 3 ASAR Honorary Lecture

Moderator: C. Matos, Brussels/BE

Ligaments of the liver: vascular imaging, gross anatomy and clinical application

K. Ibukuro, Tokyo/JP

### 14:30 - 15:30 PS 4 Foundation Course 1: RadPath correlation - liver

Moderator: O. Ekberg, Malmö/SE

#### 14:30 Liver: focal lesions

C. Stoupis, Maennendorf/CH

<u>Learning objectives</u>: To understand the epidemiology, etiology and pathology of focal liver lesions. To learn their imaging characteristics based on pathologic correlation. To understand characteristic features of various focal lesions and to discuss the role of imaging techniques for initial and differential diagnosis.

#### 14:50 Liver infection

O. Akhan, Ankara/TR

<u>Learning objectives:</u> To learn about clinical presentation and role of imaging in the diagnosis of liver infection. To become familiar with the characteristic features of infection based on pathologic correlation.

### 15:10 Liver: diffuse disease

L. Martí-Bonmatí, Valencia/ES

<u>Learning objectives:</u> To understand the epidemiology and clinical relevance of hepatic fat and iron deposition as well as hepatic inflammation. To become familiar with the imaging appearance and evaluation of steatosis, steatohepatitis, iron overload and cirrhosis. To understand the limitations of biopsy when providing a reference standard.