INTERNATIONAL COURSE IN:

CONTRAST ENHANCED ULTRASOUND IN LIVER, BILIARY, PANCREATIC AND GASTROINTESTINAL DISEASE

Course Directors:
Dr. Fabio Piscaglia
Prof. Luigi Bolondi

Bologna, September 17-19, 2009
Invited Speakers

Luigi Bolondi (Bologna, I)  
Enrico Brunetti (Pavia, I)  
Peter N.T. Burns (Toronto, CDN)  
Fabrizio Calliada (Pavia, I)  
Giuseppe Caruso (Palermo, I)  
Clotilde Della Pina (Pisa, I)  
Stefan Delorme (Heidelberg, D)  
Giulio Di Candio (Pisa, I)  
Cristoph F. Dietrich (Bad Mergentheim, D)  
Mirko D’Onofrio (Verona, I)  
Odd Holger Gilja (Bergen, N)  
Gian Luca Grazi (Bologna, I)  
Steen Karstrup (Copenhagen, DK)  
Nathalie Lassau (Paris, F)  
Edward Leen (London, UK)  
Gianni Morana (Treviso, I)  
Fabio Piscaglia (Bologna, I)  
Carla Serra (Bologna, I)  
Andreas Schuler (Geislingen, D)  
Luigi Solbiati (Busto Arsizio, I)  
Ioan Sporea (Timisoara, R)  
Guido Torzilli (Milano, I)  
Hans Peter Weskott (Hannover, D)

Chairmen

Libero Barozzi (Bologna, I)  
Luigi Bolondi (Bologna, I)  
Peter N.T. Burns (Toronto, CDN)  
Fabrizio Calliada (Pavia, I)  
Giulio Di Candio (Pisa, I)  
Cristoph F. Dietrich (Bad Mergentheim, D)  
Stefan Delorme (Heidelberg, D)  
Mirko D’Onofrio (Verona, I)  
Francesco Maria Drudi (Roma, I)  
Carlo Filice (Pavia, I)  
Odd Holger Gilja (Bergen, N)  
Steen Karstrup (Copenhagen, DK)  
Edward Leen (London, UK)  
Paolo Ricci (Roma, I)  
Hans Peter Weskott (Hannover, D)

Case presenters

Libero Barozzi (Bologna, I)  
Enrico Brunetti (Pavia, I)  
Fabrizio Calliada (Pavia, I)  
Cristoph F. Dietrich (Bad Mergentheim, D)  
Mirko D’Onofrio (Verona, I)  
Francesco Maria Drudi (Roma, I)  
Odd Holger Gilja (Bergen, N)  
Edward Leen (London, UK)  
Paolo Ricci (Roma, I)  
Carla Serra (Bologna, I)  
Hans Peter Weskott (Hannover, D)

ENDORSEMENTS
Associazione Italiana Studio Fegato (AISF)  
Società Italiana di Radiologia Medica (SIRM)  
Società Italiana di Malattie Infettive e Tropicali (SIMIT)  
Società Italiana di Ultrasonologia in Medicina e Biologia (SIUMB)
Thursday, September 17th 2009

09.00  Registrations
10.00  Welcome address

**BASICS OF CEUS**

Chairmen: C.F. Dietrich, F. Piscaglia

10.30  Physical principles of contrast agents and detection technologies. Past and present

P.N.T. Burns

11.00  Safety of ultrasound contrast agents

G. Caruso

11.20  Is written informed consent necessary? Can we use USCA in children?

A. Schuler

11.35  Discussion

11.45  Practical recommendations for contrast liver exploration: settings and errors avoidance

F. Piscaglia

12.05  Recommended minimal and optimal requirements of CEUS scan documentation

S. Karstrup

12.20  Terminology for CEUS reporting

F. Calliada

12.35  How to build up the reimbursement cost for CEUS? Should referral exams costs more?

A. Schuler

12.55  Question time

13.10  Lunch Break
Technology corner (15 min presentations + 5 min questions)

14.30 SIEMENS
14.50 ESAOTE
15.10 PHILIPS

BENIGN LIVER LESIONS
Chairmen: F. Calliada, S. Karstrup

15.30 Hemangioma and focal fatty alteration
I. Sporea
15.45 Focal Nodular Hyperplasia and Adenomas
C.F. Dietrich

16.05 Break

16.30 CT and MR investigations in benign liver lesions
C. Della Pina
16.50 Clinical management of hemangioma, FNH, adenoma
G.L. Grazi

17.10 Discussion
17.20 Interactive clinical case presentations
(in separate rooms for beginners and advanced)
18.00 Closure of the day
Friday, September 18th 2009

LIQUID LESIONS AND MALIGNANT TUMORS

Chairmen: L. Barozzi, H.P. Weskott

09.00 Liver cysts and hydatidosis
E. Brunetti

09.20 CEUS and trauma
S. Karstrup

09.45 Discussion

09.50 Metastasis
H.P. Weskott

10.10 Diagnostic flow chart of liver nodules in cirrhosis
and characterization of portal vein thrombosis
F. Piscaglia

10.40 Discussion

10.50 Break

MALIGNANT TUMORS

Chairmen: L. Bolondi, S. Delorme

11.10 Therapeutic management of HCC: guidelines
L. Bolondi

11.35 CEUS appearance and diagnostic flow chart in peripheral
and ductal cholangiocellular carcinoma and gallbladder
lesions
E. Leen

12.00 Live demonstrations
F. Piscaglia, C. Serra

13.15 Lunch break
Technology corner (15 min presentations + 5 min questions)

14.10 GE
14.30 BRACCO

CEUS IN THE DIAGNOSTIC ASSESSMENT OF LIVER TUMORS
Chairmen: C. Filice, P. Ricci

14.50 Interventional US guided by CEUS
S. Karstrup

15.15 Cost efficiency aspects of CEUS in colorectal cancer
S. Delorme

15.30 When is CEUS cost-effective in the different settings of non-colorectal cancer patients?
H.P. Weskott

15.45 Discussion
Chairman: F. Piscaglia

16.00 Diagnostic strategies when CEUS of incidental focal liver lesion is inconclusive: what next according to the clinical scenarios? (interactive panel discussion: S. Delorme, S. Karstrup, H.P. Weskott)

16.30 Break

TECHNOLOGICAL ADVANCES
Chairmen: F.M. Drudi, E. Leen

16.50 Intraoperative CEUS, instrumentation, findings and timing: never, occasionally or always?
G. Torzilli

17.10 Fusion imaging systems
L. Solbiati

17.30 CEUS and CT/MRI modalities in the assessment of locoregional treatment of HCC and mets
L. Solbiati

17.50 Discussion

18.00 Closure of the day
Interactive clinical case presentations
(in separate rooms for beginners and advanced)

**TUMOR RESPONSE ASSESSMENT**

Chairmen: P.N.T. Burns, C.F. Dietrich

09.20  Quantification softwares: technical standpoint and future technical perspectives
       E. Leen

09.40  CEUS in the assessment of systemic tumor treatments. Current results and future expectations: research or clinical tool?
       N. Lassau

10.00  Discussion

10.10  Break

**PANCREAS - 1**

Chairmen: G. Di Candio, H.P. Weskott

10.30  Practical recommendations in CEUS exploration of the pancreas
       M. D’Onofrio

10.45  Transcutaneous CEUS assessment of solid and liquid pancreatic masses
       M. D’Onofrio

11.15  Endoscopic assessment of the pancreas and contribution of advanced ultrasound techniques
       C.F. Dietrich

11.35  Discussion
Saturday, September 19th 2009

PANCREAS - 2

Chairmen: M. D’Onofrio, O.H. Gilja

11.45 Live demonstrations (including methodology for intestinal exploration)
F. Piscaglia, C. Serra

12.10 Recommended diagnostic flow-chart in pancreatic masses
G. Morana

12.30 Is there an indication to CEUS in patients with acute pancreatitis and contraindications to CT?
G. Di Candio

12.40 Therapeutic approach to pancreatic masses: solid and liquid
G. Di Candio

13.00 Discussion

13.10 Lunch break

GASTROINTESTINAL TRACT

Chairman: L. Bolondi

14.30 Inflammatory bowel disease: conventional ultrasound
O.H. Gilja

14.55 GI diseases: CEUS assessment
C. Serra

15.25 Discussion

15.30 A look into the future of microbubbles
P.N.T. Burns

15.50 Interactive case presentation in GI and pancreas
M. D’Onofrio, O.H. Gilja, C. Serra

16.15 Closure of the course
General Information

MEETING VENUE
Aula Magna Nuove Patologie
Padiglione 5
Università di Bologna
Policlinico S. Orsola-Malpighi
Via Massarenti, 9 - Bologna

The congress venue is located 10 minutes from Bologna's city centre. It can easily be reached by means of public transportation system.

AIRPORT
The airport is located 10 km from the city centre. The transfer from the airport to the Conference Centre and most of the hotels by taxi takes around 30 min and costs around 20 Euro; you can also use the airport bus to get to the centre of the town.

REGISTRATION DESK
The desk for registration, information and distribution of documents will remain open at the venue as follows:
Thursday, 17th September 8.00-18.00
Friday, 18th September 8.00-18.00
Saturday, 19th September 8.00-18.00

C.M.E. CREDITS
Through the C.M.E. division of the Ministry of Health, this meeting has been registered as part of the Italian credit system for medical studies. Credit certificates shall be issued only if the participant has successfully attended the whole meeting and his/her professional qualifications meet the requirements for entitlement to the study credits in question. The C.M.E. credit certificate will be issued only after the candidate has completed and returned the assessment questionnaire at the end of the meeting.

LANGUAGE
The official language of the Meeting is English. Simultaneous translation will not be provided.

LIABILITY AND INSURANCE
The organiser is not able to take any responsibility whatsoever for injury or damage involving persons and property during the meeting. Participants are advised to take out their own personal travel and health insurance for their trip.

CONGRESS DOCUMENTS AND BADGES
The congress documents should be collected on-site at the registration desk at the Conference Centre. Name badges must be worn at all time during the Congress and in the exhibition area.
CERTIFICATE OF ATTENDANCE
The certificate of attendance will be collected from the registration desk during the last day of the meeting.

COFFEE BREAKS AND LUNCHES
Coffee breaks and lunches are included in the registration fee and will be served in the Exhibition Area.

HOTEL BOOKINGS
The Organising Secretariat is available to provide information regarding hotels and bookings.

REGISTRATION FEES (VAT included)
Participants to the Conference can choose between two registration fees: an All inclusive registration or a Basic registration.
- The All inclusive registration fee includes access to all scientific sessions, the congress bag, the Syllabus, 4 coffee breaks, 3 lunches and 2 or 3 nights at a four-star hotel located at a walking distance from the congress venue.
- The Basic registration fee includes access to all scientific sessions, the congress bag, the Syllabus, 4 coffee breaks, 3 lunches. Accommodation and dinners are not included.

Basic registration fee
€ 600,00
includes:
• Admission to all Scientific Sessions
• Congress bag
• Syllabus
• Coffee breaks and quick lunches

Basic registration for young delegates
€ 350,00
includes:
• Admission to all Scientific Sessions
• Congress bag
• Syllabus
• Coffee breaks and quick lunches

NOTE:
The registration fee will increase by 20% after July 15th, 2009
The registration fee will increase by 25% on site
CONFERENCE PACKAGES
Delegate conference package (2 nights)
€ 960.00
includes:
• Basic Registration fee
• 2 nights in 4 star hotel (breakfast is included)
• 2 dinners at the hotel restaurant
Delegate conference package (3 nights)
€ 1,200.00
includes:
• Basic Registration fee
• 3 nights in 4 star hotel accommodation (breakfast is included)
• 3 dinners at the hotel restaurant
Conference package for young delegates*
€ 864.00
all inclusive fee includes:
• Basic Registration fee
• 3 nights in 3 star hotel accommodation (breakfast is included)
• 3 dinners at the hotel restaurant

* Applicants must be under 35 years at course time and EFSUMB/SIMIT/SIUMB/SIRM/AISF members.
Please fax evidence of your student /membership status and identity document reporting date of birth to +39 (0)51 2916933

PAYMENT METHOD
Payment will be made by Bank Transfer to FC EVENTI srl
IBAN: IT58G0558402409000000000077;
BBAN: G0558402409000000000077
Bank charges are the responsibility of the payee

CANCELLATION POLICY
All cancellations must be notified in writing to the Organising Secretariat. Refunds will be processed after the Congress. Requests for refunds made after the Congress will not be considered

Refund of registration fees:
• cancellations on or before June 15, 2009: 10% will be withheld
• cancellations between June 15 and August 15, 2009: 30% of the registration fee will be withheld
• cancellations after August 15: no refund

MEETING SECRETARIAT
FC EVENTI Srl
Vicolo Posterla, 20/2A
40125 Bologna
tel. 051.23.68.95
fax 051.29.16.933
e-mail: info@fc-eventi.com
CONTRAST ENHANCED ULTRASOUND IN LIVER, BILIARY, PANCREATIC AND GASTROINTESTINAL DISEASE

Gold Sponsors

Silver Sponsors
CONTRAST ENHANCED ULTRASOUND IN LIVER, BILIARY, PANCREATIC AND GASTROINTESTINAL DISEASE

Bologna, September 17-19, 2009

Registration Form

<table>
<thead>
<tr>
<th>Name</th>
<th>Surname</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>City Zip</td>
<td>Country</td>
</tr>
<tr>
<td>Tel</td>
<td>Mobile</td>
<td>Fax number</td>
</tr>
<tr>
<td>e-mail</td>
<td></td>
<td>Fiscal Code (Italians only)</td>
</tr>
</tbody>
</table>

Details for Invoice (essential)

Name of individual or organization

P. IVA: (Italians only)

Address Postal Code | City

**Registration Fees: (VAT included)**

- Euro 600.00 - Basic registration fee
- Euro 350.00 - Basic registration for young delegates*
- Euro 960.00 - Delegate conference package (2 nights)
- Euro 1,200.00 - Delegate conference package (3 nights)
- Euro 864.00 - Conference package for young delegates*

* Applicants must be under 35 years of age and AISF or SIGE or SIRM or SIUMB members. Please fax evidence of your student status, noting the Congress name to +39 (0)51 2916933

**Payment of registration fee should be made only by bank transfer (free of charges):**

Account holder: FC EVENTI SRL - Bologna-Italy
IBAN: IT58G05584024090000000777
Swift Address: BPMIITM1208
BBAN: G05584024090000000077

The registration form should be sent with copy of the bank receipt to:

FC EVENTI Srl - Vicolo Posterla, 20/2A- 40125 Bologna
Tel. +39 (0)51 236895 - Fax +39 (0)51 2916933
E-mail: info@fc-eventi.com