

EUROSON SCHOOL

Abdominal Ultrasound

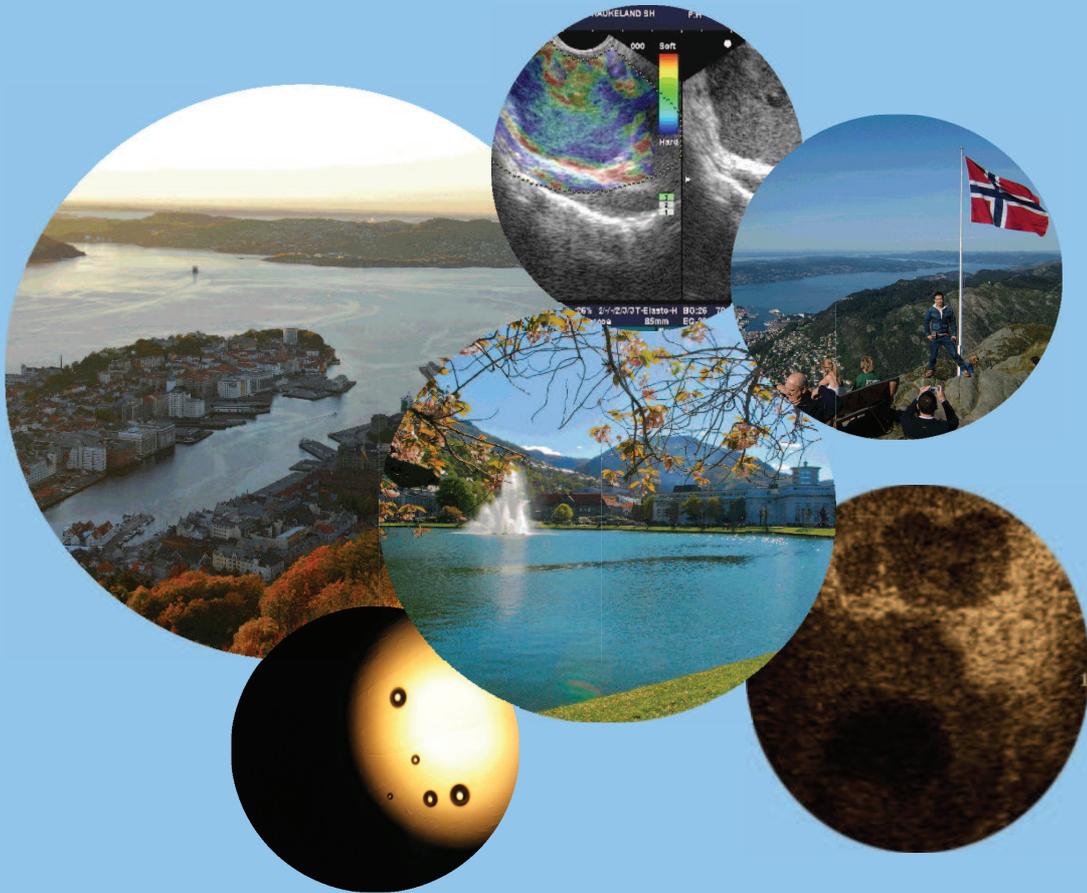
Focus on CEUS and EUS



Under the auspices of EFSUMB

European Federation of Societies for Ultrasound in Medicine and Biology

Bergen, Norway 20-22 June 2013



Subjects to be lectured:

Transabdominal ultrasound of liver, pancreas and intestines. CEUS, Doppler, Endosonography, Elastography, Ultrasound targeted Therapy.

EFSUMB Education level: 2 and 3

Course Directors:

Odd Helge Gilja
Roald F. Havre



NATIONAL CENTRE FOR ULTRASOUND IN GASTROENTOROLOGY

Abdominal Ultrasound

Focus on CEUS and EUS

Dear friend of ultrasound,

It is a great pleasure to invite you to Bergen to this second Euroson School in abdominal ultrasound with focus on contrast-enhanced ultrasound (CEUS) and endoscopic ultrasonography (EUS). This post-graduate course is hosted by the Norwegian Centre of Excellence in Gastrointestinal Ultrasonography and MedViz, which is an R&D cluster in medical imaging and visualisation.

The aim of this Euroson School is to present current state-of-the-art knowledge on CEUS and EUS and to provide a forum for ultrasound users and developers to report on progress, explore common challenges, exchange ideas and network with each other.

We are particularly grateful to the international faculty for coming to Bergen to share their expertise with us.

Sincerely yours,



Roald Flesland Havre
Course Director
and
President
Norwegian Society of Diagnostic
Ultrasound



Odd Helge Gilja
Course Director
and
Director
National Centre for Ultrasound in Gastroenterology
and
Honorary Secretary
European Federation of Societies for Ultrasound in
Medicine and Biology

International Faculty: Fabio Piscaglia, Christoph Dietrich, Torben Lorentzen, Hans-Peter Weskott, Carla Serra, Adrian Saftoiu, Peter Vilmann, Mirko D'Onofrio, Paul Campbell,

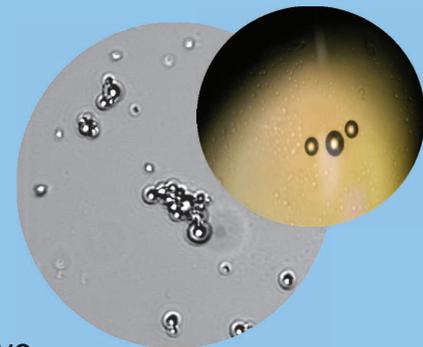
National Scientific Board: Roald Havre, Spiros Kotopoulis, Kim Nylund, Georg Dimcevski, Trygve Hausken, Odd Helge Gilja, Lars Birger Nesje, Michiel Postema

Local Organising Committee: Trygve Hausken, Georg Dimcevski, Spiros Kotopoulis, Kim Nylund, Roald Havre, Trond Engjom, Geir Folvik, Vernesa Dizdar, Linn E.S. Helljesen, Eva Fosse, Elin Myhrvold Rippe, Jose Gomez, Gulen Arslan Lied, Odd Helge Gilja.



Thursday 20 June 2013

- 0930 Registration. Coffee.
- 1000 Welcome Address.



Session 1: Basics of CEUS

Chairmen: Fabio Piscaglia and Odd Helge Gilja

- 1015 Physical principles of CEUS and how microbubbles behave
Michiel Postema
- 1045 The bubble talk - About contrast agents and bubble kinetics
Hans-Peter Weskott
- 1130 Examination techniques and tricks of the game.
Christoph Dietrich
- 1200 Lunch

Session 2: CEUS of the pancreas

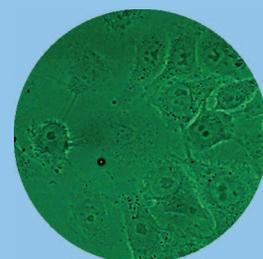
Chairmen: Carla Serra and Georg Dimcevski

- 1030 Ultrasound B-mode in pancreatic diseases
Mirko D'Onofrio
- 1100 CEUS of the pancreas
Mirko D'Onofrio
- 1130 Case demonstrations by D'Onofrio and Dimcevski
- 1200 Lunch

Session 3: Clinical Utility of CEUS

Chairmen: Hans-Peter Weskott and Trygve Hausken

- 1500 CEUS and interventional Ultrasonography
Torben Lorentzen
- 1530 EFSUMB guidelines on CEUS. Safety of CEUS.
Trond Engjom
- 1600 Case presentations by Veronika Salvatore and Weskott.
- 1630 Advances in technology (Company presentations)
- 1700 End of lectures
- 1830 Social event. Reception at Bryggen, Schjøttstuene



Abdominal Ultrasound

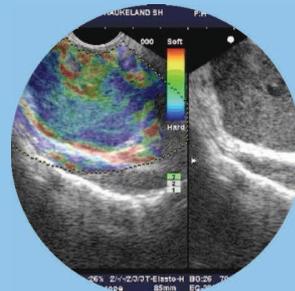
Focus on CEUS and EUS

Friday 21 June 2013

Session 4: The GI Tract

Chairmen: Christoph Dietrich and Kim Nylund

- 0830 The GI wall in normal and diseases conditions
Odd Helge Gilja
- 0900 CEUS in IBD - Clinical impact.
Carla Serra
- 0930 CEUS in IBD – Technological challenges in perfusion measurements
Kim Nylund
- 1000 Coffee break



Session 5: CEUS of the Liver

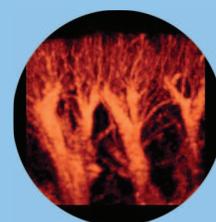
Chairmen: Christoph Dietrich and Geir Folvik

- 1300 CEUS of benign Focal Liver Lesions
Christoph Dietrich
- 1330 CEUS of malignant Focal Liver Lesions
Hans-Peter Weskott
- 1400 CEUS in liver cirrhosis and HCC diagnosis
Fabio Piscaglia
- 1430 Coffee break

Session 6: CEUS and Therapy

Chairmen: Michiel Postema and Odd Helge Gilja

- 1300 Principles of Molecular Imaging with particular reference to ultrasound
Emmet Mc Cormack
- 1330 How to use ultrasound to deliver therapeutic molecules
Paul Campbell
- 1400 Sonoporation and experimental models for targeted drug delivery
Spiros Kotopoulos
- 1430 Coffee break
- 1500 Treatment of pancreatic cancer assisted by CEUS.
Georg Dimcevski
- 1530 Future applications of CEUS: 3D-US, hybrid and targeted imaging.
Adrian Saftoiu
- 1630 Case demonstrations by Serra and Nylund
- 1700 Advances in technology (Company presentations)
- 1730 End of lectures
- 1900 Faculty dinner



Saturday 22 June 2013

Session 7: EUS and CEUS

Chairmen: **Adrian Saftoiu and Lars Birger Nesje**

- 0900 Interpretation of EUS images compared with transabdominal US
Christoph Dietrich
- 0930 EUS elastography of the pancreas
Roald F. Havre
- 1000 CEUS during EUS – Technical aspects and clinical use
Adrian Saftoiu
- 1030 Coffee break
- 1100 Therapeutic EUS and future aspects
Peter Vilmann

- 1130 Case demonstrations by Saftoiu and Havre
- 1200 Course Exam / Evaluation
Closing remarks.

- 1230 Lunch

- 1330 Departure



Abdominal Ultrasound

Focus on CEUS and EUS

Welcome to Bergen



VisitBergen.com

Meeting Venue

The congress venue is located at
Grand Terminus, Terminus Hall
Zander Kaaesgt. 6
5015 Bergen
The hotel is located close to Bergen Center
<http://www.grandterminus.no/en/>

Airport

The airport is located 20 km from Bergen city. The transfer from the airport to Radisson SAS Hotel takes about 30 min and costs about 60 Euro. You can also take the airport bus to the hotel, 15 Euro.

Registration Desk

The desk for registration, information and distribution of documents will remain open:

Thursday 20 June 2013	08:00-18:00
Friday 21 June 2013	08:00-17:00
Saturday 22 June 2013	09:00-14:00

This will be located outside the venue "Terminus Hall". The congress documents should be collected on-site at the registration desk. Name badges must be worn all the time during the congress and in the exhibition area.



Liability and Insurance

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

Organising Secretariat

The organising secretariat is available to provide information regarding hotels and bookings, and other questions. Please contact:

Bergen Kongress & Kultur, Tel +47 55 553655 or e-mail mail@kongress.no

Elin Myhrvold Riple, Tel +47 55972954 or e-mail elin.riple@med.uib.no

Odd Helge Gilja, Tel +47 55972872 or e-mail odd.gilja@helse-bergen.no

Registration

Bergen Kongress & Kultur, open for registration January 1. 2013

<http://www.ultrasoundinbergen.no>

Registration Fee

Conference fee 550 Euro, before April 21. 2013 (hotel not included)

Conference fee 600 Euro, after April 21. 2013 (hotel not included)

- Access to the Conference
- Lunches
- Coffee breaks
- Social program and course dinner Thursday 17 June 2010
- Syllabus conference bag
- EFSUMB Course book

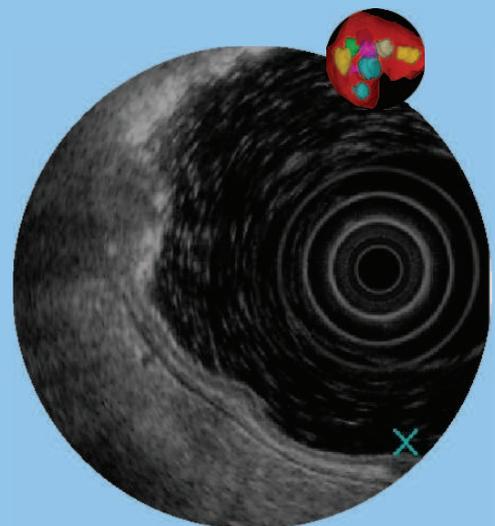
Payment Information

Bergen Kongress & Kultur

Swift/bic code: spa no bb

IBAN: NO 50 36240786545

Credit card options available



Abdominal Ultrasound

Focus on CEUS and EUS

Accommodation Hotel Grand Terminus

- Located at the congress venue
- <http://www.grandterminus.no/en/>
- Single room pr. night about 110 Euro.
- For reservation contact: Bergen Kongress & Kultur: e-mail mail@kongress.no

Language

The official language of the meeting is English.

EFSUMB CME Credits

Will be given for this post graduate course. The EACCME credit will be applied for.

Certificate of Attendance

The certificate of attendance will be provided to every participant who has completed the course and course evaluation.



FROM VISION TO DECISION

Photos: Odd Helge Gilja



NATIONAL CENTRE FOR ULTRASOUND IN GASTROENTOROLOGY