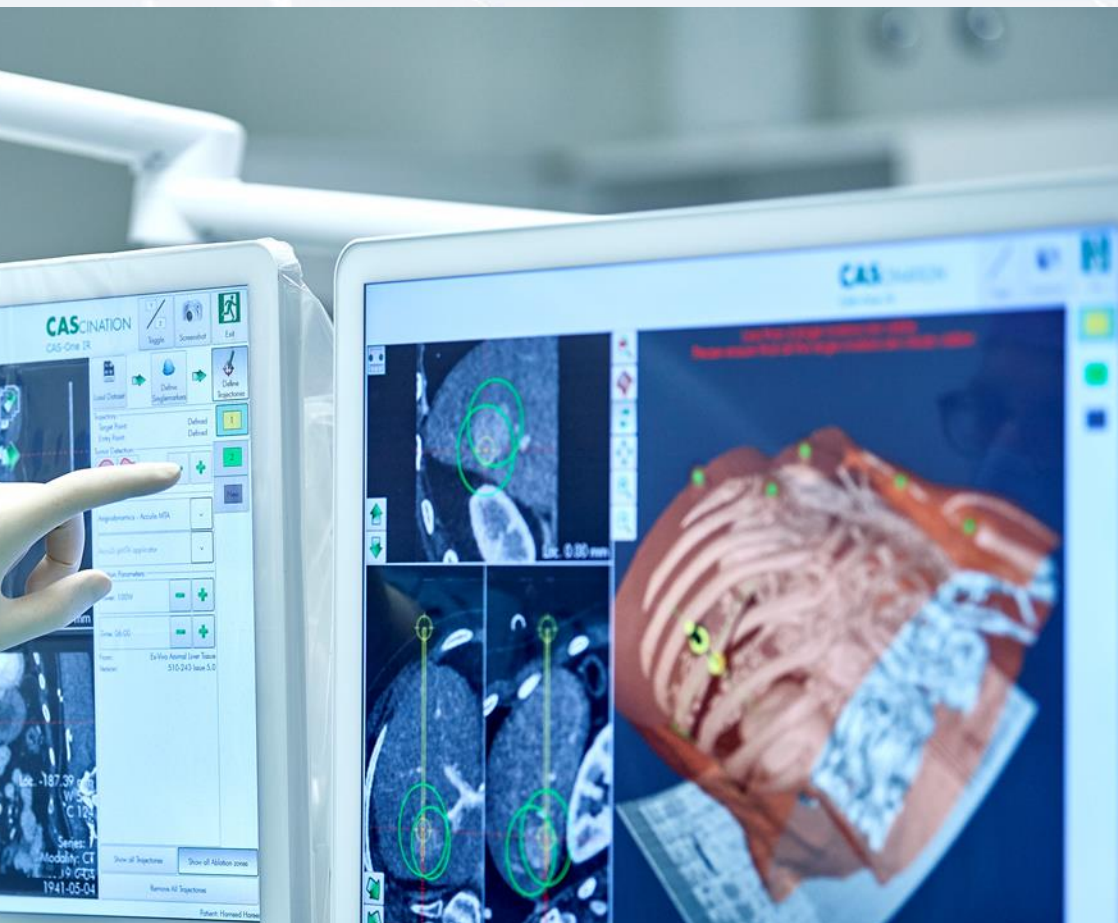


EUROPEAN COMPUTER ASSISTED LIVER SURGERY SOCIETY 7th ANNUAL MEETING

ECALSS

European Computer Assisted Liver Surgery Society

October 17 - 19, 2019
Bern, Switzerland
Version of August 23, 2019



Exhibitors and other Sponsors

To carry out an event such as ECALSS would not be possible without the support and contributions by the following companies and organizations. Their support is highly appreciated.

Sponsors

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THURSDAY, OCTOBER 17

Hands-on Workshop on Stereotactic Microwave Ablation
ARTORG Center for Biomedical Engineering Research

- 14:00 Welcome
- 14:10 Introduction to stereotactic microwave ablation of liver tumors
Martin Maurer
- 14:20 Life Broadcast Part 1: Stereotactic Liver Ablation: Set-up and patient preparation
Martin Maurer / Anja Lachenmayer
- 14:30 My most challenging cases
Reto Bale (Innsbruck, Austria)
- 15:00 Life Broadcast Part 2: Stereotactic Liver Ablation: Demonstration of Planning and Procedure
Martin Maurer / Anja Lachenmayer
- 15:30 Ablation techniques for liver tumors
Anja Lachenmayer
- 16:00 Live Broadcast Part 3: Stereotactic Liver Ablation: Demonstration of Validation and Results
Martin Maurer / Anja Lachenmayer
- 16:30 Hands on Workshop
- 19:00 **Dinner**
Restaurant Casa Novo
Läuferplatz 6, 3011 Bern

FRIDAY, OCTOBER 18

Inselspital Bern, Auditorium Langhans

- 8:00 Welcome
- 8:20 **Computer-assisted treatment of hepatocellular carcinoma**
Moderation: Reto Bale, Martin Maurer
- The Bern experience
Anja Lachenmayer (Bern, Switzerland)
- Large tumors & histology results of bridge to transplant
Reto Bale (Innsbruck, Austria)
- Laparoscopic ablation of HCC tumors
Henrik Nilsson (Stockholm, Sweden)
- Local recurrence vs overall survival
Jennie Engstrand (Stockholm, Sweden)
- 9:40 **Keynote**
- Where's my spacecraft? Navigation in our solar system**
Nicolas Thomas (Bern, Switzerland)
- 10:10 **Image-guided interventions in the liver**
past – present – future
Daniel Candinas / Stefan Weber (Bern, Switzerland)
- 10:40 **Coffee**
Foyer Auditorium Langhans
- 11:10 **Computer-assisted treatment of liver metastasis**
Moderation: Jacob Freedman, Andy Adam
- MAVERICC study - short term results
Simeon Ruiter (Groningen, Netherlands)
- Quality assurance in interventional oncology
Andy Adam (London, UK)
- Navigation in surgical treatment of liver metastasis
Carina Riediger (Dresden, Germany)
- Ablation of neuroendocrine metastasis
Corina Kim-Fuchs (Bern, Switzerland)

- 12:30 **Lunch**
Foyer Auditorium Langhans
- 13:30 **Hybrid procedures - Interface between radiology and surgery**
Moderation: Mariano E. Gimenez, Anja Lachenmayer
- Liver surgery: from the beginning towards the future
Åsmund Fretland (Oslo, Norway)
- Fluorescence imaging in liver and transplant surgery
Nicolas Golse (Paris, France)
- Evaluation of computer-assisted liver surgery - results of the NaLiS-study
Tobias Huber (Mainz, Germany)
- The role of hybrid ORs in neurosurgery
Michael Murek (Bern, Switzerland)
- 3D-navigated liver resection - technical aspects to optimize the daily use
Roger Wahba (Cologne, Germany)
- Augmented reality in laparoscopic liver surgery
Gian-Andrea Prevost (Bern, Switzerland)
- 15:30 **Coffee**
Foyer Auditorium Langhans
- 16:00 **Advances for image-guided liver surgery/interventions**
Moderation: Reto Bale, Mariano E. Gimenez
- Stereotactic radiofrequency ablation/Image fusion for margins assessment and quality of life
Reto Bale (Innsbruck, Austria)
- Digital liver twin project
Cloe Audiger (Siemens Healthineers, Germany)
- Trends in Siemens towards improving liver surgery
Amilcar Azaga (Siemens Healthineers, Germany)
- Education of a new generation of image guided surgeons
Mariano E. Gimenez (Strasbourg/Buenos Aires, France)

17:00

Free papers (a 10')

Moderation: Ben Hur Ferraz, Puneet Garg

Potential and challenges of implementing minimally invasive treatments in an emerging country

Ben Hur Ferraz (Sao Paolo, Brazil)

First experience in introducing stereotactic navigation for thermoablation in India

Puneet Garg (New Dehli, India)

Quantitative ablation: methodology and results from the MAVERIC trial

Raluca Sandu/Stefan Weber (Bern, Switzerland)

Active robotic ablation needle delivery – Can it be more than just a toy?

Iwan Paolucci/Stefan Weber (Bern, Switzerland)

Case report: Liver metastasis from uveal melanoma, experience with MRI guidance

Pascale Mariani/Servois Vincent (Paris, France)

Multi-operational selective computer-assisted targeting of hepatocellular carcinoma

Pascale Tinguely (Bern, Switzerland)

Technical evaluation of CT-guided needle placements

Martin Maurer (Bern, Switzerland)

18:00

Clinical cases

Discussion with specialists, TBA

20:00

Gala Dinner

Grand Société de Berne

Theaterplatz 7 / Hotelgasse 10, 3011 Bern

SATURDAY, OCTOBER 19

Inselspital Bern, Auditorium Langhans

9:00 **Navigation – what else?**

Moderation: Paras Dalal, Joachim Kettenbach,

Lung ablations in patients with liver and lung metastasis
Paras Dalal and Evangelos Skondras (London, Great Britain)

Image-guided kidney ablations
TBA

Spleen ablation for hypersplenism – a case report
Jacob Freedman (Stockholm, Sweden)

Biopsies – difficult cases, show how you can make difficult biopsies better with navigation
Joachim Kettenbach (Vienna, Austria)

10:20 **Coffee**

Foyer Auditorium Langhans

10:50 **Computer-assisted pancreas treatments**

Moderation: Beat Gloor, Eduard Jonas

Technical aspects of minimally invasive IRE of the pancreas
Eduard Jonas (Cape Town, South Africa)

EUS guided local ablation in pancreatic cancer – the Verona experience
Isabella Frigerio (Verona, Italy)

IRE in borderline and locally advanced pancreatic cancer
Beat Gloor (Bern, Switzerland)

Open and percutaneous navigated IRE in the pancreas
Michelle de Oliveira (Zürich, Switzerland)

12:10 **Lunch**

HiPerNav poster session

Exhibition of research activities of the HiPerNav consortium (H2020)

13:10

Technical aspects and perspectives in percutaneous procedures
Moderation: Lukas Beyer, Philipp Wiggermann

Ohm vs. Maxwell: Using electromagnetic fields as treatment modalities

Dan van der Weide (Wisconsin, USA)

Quantitative ablation: off-line planning (software on the surface) and evaluation of ablation margins

Lukas Beyer (Regensburg, Germany)

Experience with different navigation/robotic solutions and future needs

Philipp Wiggermann (Braunschweig, Germany)

Treat the untreatable - invisible lesions secure treated (n-9 cases)

Nadeem Shaida (Cambridge, Great Britain)

MRI ablations

Rüdiger Hoffmann (Tübingen, Germany)

Summary of the 1st consensus on hybrid operating room, navigation systems and image-guided surgery - where we are

Mariano E. Gimenez (Strasbourg/Buenos Aires, France)

Indeterminate small liver lesions

Darius Mirza (Birmingham, UK)

15:30

Annual meeting of the ECALSS Society

15:45

Closing

Workshop (Oct 17)
ARTORG Center
Murtenstrasse 50
3008 Bern

Welcome Dinner (Oct 17)
Restaurant Casa Novo
Läuferplatz 6
3011 Bern

Hotel Allegro
Kornhausstrasse 3, 3013 Bern
Tel. +41(0) 31 339 55 00



Bern Train Station

Social Event (Oct 18)
Grand Société de Berne
Hôtel de Musique
Theaterplatz 7 / Hotelgasse 10
3011 Bern

Congress (Oct 18 & 19)
University Hospital Inselspital
Auditorium Langhans
3010 Bern

Venue Information

Thursday, October 17, 2019

ARTORG Center, University of Bern, Murtenstrasse 50, 3010 Bern

Room 502, Floor F

Friday - Saturday 18-19, 2019

Auditorium Langhans, Inselspital Bern, Entry 43a

By car

Follow individual navigation instructions to the hotel. The Hotel offers parking and recharging points for electric vehicles

By train

If you come by train, after arriving at Bern station take the bus 11 to Inselspital.

By plane

Via Zurich Airport: Train (SBB) Zurich - Bern

Via Basel Airport: Train (SBB) Basel - Bern

Via Geneva Airport: Train (SBB) Geneva - Bern



Credits

SGC Rating: 16 credits for the congress

Organisation

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3010 Bern

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