

2ND EDITION · CONGRESS & HANDS-ON WORKSHOP

Flat-Panel Advanced Peri-operative Imaging in the Angio Suite

We can only treat what we see

WHEN

5–6 November 2026

Thursday & Friday

WHERE

sitem-insel, Freiburgstrasse 3

3010 Bern, Switzerland

FORMAT

On-site only

Lectures, cases & hands-on



Endorsed by the European Society of Minimally Invasive Neurological Therapy

About the congress

Recent advances in intraoperative diagnostic flat-panel imaging, particularly the advent of high-resolution, time-resolved 3D imaging, perfusion acquisitions, fusion imaging with other modalities and live overlays have provided physicians with complex yet valuable additional information. As with any new technology, effective acquisition, detection, and interpretation of the findings require experience and a solid evidence-based foundation.

However, many of the techniques presented are not yet widely adopted. Implementing new techniques without a strong evidence-based foundation may lead to misinterpretation and slow the adoption of an otherwise beneficial modality. To prevent this and in order to gain momentum for this new development, the scientific goal of the congress is to bring together leading researchers in this emerging field, train physicians to adopt and utilize the new imaging modality, and outline future research in collaboration with industry partners.

After a successful first edition in 2025 (Tours, France), the organizing committee welcomes you in cozy Bern just when winter is about to start. We look forward to welcoming you to a stimulating and enriching event.

Target audience

This meeting is dedicated to neurointerventionalists of all backgrounds seeking to advance knowledge and clinical practice in advanced perioperative diagnostic imaging for minimally invasive neurological treatment. It will bring together neurologists, neurosurgeons, and neuroradiologists from around the world who share an interest in this challenging and rapidly developing field.

The program will provide a theoretical background as well as practical knowledge, with several hands-on workshops focusing on the direct applicability of the taught subjects. With this combination of both, participants are encouraged to directly implement new techniques and findings into their clinics and clinical routine when returning from Bern.

The congress provides a unique opportunity to meet international experts, exchange perspectives, and build collaborations with colleagues and industry representatives engaged in advanced perioperative neuro-imaging research and clinical practice.

Practical information

Venue

sitem-insel

Freiburgstrasse 3, 3010 Bern, Switzerland

Accommodation

ibis Styles Bern City (Eigerplatz)

Zieglerstrasse 66, 3007 Bern, Switzerland

Included in the fee

- Participation in the full two-day congress
- Catering throughout the event (coffee breaks and lunches)

Registration fee

Regular fee	CHF 300
Residents	CHF 200

Not included

Travel, accommodation, activities outside the official program, and personal expenses are not included and must be covered by participants.

Cancellation policy

Free of charge until October 1st 2026. After this date, registration fees are non-refundable.



REGISTER NOW

Registration until October 25th 2026

Scan the QR code or open the registration page below. Places in the hands-on workshops are limited.

Registration page:

<https://neurorad.insel.ch/de/lehre-und-forschung/advanced-peri-operative-imaging-in-the-angio-suite/registration>

Faculty

Aikaterini Anastasiou

Basel, Switzerland

Daniel Behme

Magdeburg, Germany

Andreas Berting

Forchheim, Germany

Ryu Bikei

Tokyo, Japan

Grégoire Boulouis

Tours, France

Petra Cimflova

Bern, Switzerland

Tomas Dobrocky

Bern, Switzerland

Baptiste Donnard

Tours, France

Lorenz Grunder

Bern, Switzerland

Johannes Kaesmacher

Bern, Switzerland

Rahul Kumar

Patna, India (online)

Michael Manhart

Siemens Healthineers

Eike Piechowiak

Bern, Switzerland

Marios Psychogios

Basel, Switzerland

Eytan Raz

New York, USA

Johan Wasselius

Lund, Sweden

Shaokai Zheng

Bern, Switzerland

Matthew Moussa Zidan

Bonn, Germany

Day 1 · Thursday, 5 November 2026

Morning · Basics & Stroke

08:30 Welcome coffee & Registration

08:45 Official Opening

Johannes Kaesmacher & Tomas Dobrocky

09:00–10:45 Flat panel transforming neurointerventional workflow

Chairs
Baptiste Donnard, Johannes Kaesmacher

09:00–09:30 Technical Update: What's new? What's coming? (Overview of new developments)

Andreas Berting
Forchheim, Germany

09:30–10:00 Non-contrast Flat-Panel CT: Update on diagnostic Yield, New reconstruction algorithms, SPINNERS, automated detection/ASPECTS

Aikaterini Anastasiou
Basel, Switzerland

10:00–10:15 Technology Pitch: Can we make it CT-Like? Generative image synthesis for flat-panel data

Shaokai Zheng
Bern, Switzerland

10:15–10:45 One Stop Shop/Direct to the Angio - Dead or Alive: Update on Evidence and RCTs, Ongoing Trials and Outlook

Marios Psychogios
Basel, Switzerland
Johannes Kaesmacher
Bern, Switzerland

10:45–11:15 Coffee break

11:15–12:30 Advanced Stroke imaging & FP-perfusion

Chairs
Aikaterini Anastasiou, Johan Wasselius

11:15–11:45 Flat-Panel During/after Stroke: Complication Management, Contrast-Staining Infarct prediction, DOT sign, subarachnoid hyperdensities - Towards an automated analysis

Matthew Moussa Zidan
Bonn, Germany

11:45–12:00 Perfusion Imaging: Techniques and Evidence

Petra Cimflova
Bern, Switzerland

12:00–12:30 Reperfusion Status, No Reflow, Collaterals, 3D DSA (High resolution angiography/3D-Angiography during thrombectomy: Atheromas, Fibrinstrands, dissection bands and intracranial stenting)

Johannes Kaesmacher
Bern, Switzerland

12:30 Lunch break

Afternoon · Breakouts & Fusion

13:15–15:30 Small Group Discussions (45min each) Group A: Hands-On | Group B: Cases

Various

15:30–16:00 Coffee break

16:00–17:15 It's all about fusion

Chair
Petra Cimflova

16:00–16:30 Fusion Imaging for acute stroke

Johan Wasselius
Lund, Sweden

16:30–17:15 Fusion Imaging in other disease: Embolisations, Live Fusion, Future

Grégoire Boulouis
Tours, France

Day 1 breakout details · 13:15–15:30 · small groups, 45 min each

Group A · Hands-on rotations (A1 → A2 → A3)

Station 1 3D-DSA, 4D-DSA, 6D-DSA, Micro-DSA, Super-Micro-DSA: I came, I saw, I got confused. Advanced post-processing: FOV, resolution, advanced reconstruction options and algorithms, filters, binning — *Eytan Raz, Andreas Berting*

Station 2 Perfusion imaging in the angio suite (in collaboration with Cercare) — *Petra Cimflova, Lorenz Grunder*

Station 3 Fusion imaging for illustrative purposes and disease understanding, live fusion, 3D roadmap and embo-mode — *Tomas Dobrocky, Michael Manhart*

Group B · Cases

Cases 1 h cases · pause · 1 h cases — *Grégoire Boulouis, Johan Wasselius*

Day 2 · Friday, 6 November 2026

Morning · New Frontiers

08:45 *Welcome coffee*

09:00–10:30	Imaging the Difficult Cases: Aneurysms, Projections & Malformations	Chairs Tomas Dobrocky, Eytan Raz
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09:00–09:30	Flow-Diverter Imaging: Wall apposition, occlusion prediction, Do we need OCT?	Baptiste Donnard <i>Tours, France</i>
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09:30–10:00	Technology Pitch: Impossible Projection in Aneurysm Treatment: How to solve it.	Daniel Behme <i>Magdeburg, Germany</i>
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10:00–10:30	High Resolution Imaging for Understanding of spinal malformations: Anatomy in Physiology and Disease	Ryu Bikei <i>Tokyo, Japan</i>
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10:30–11:15 *Break*

11:15–13:00	Zoom in – where the details matter	Chairs Daniel Behme, Grégoire Boulouis
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11:15–12:00	High resolution Imaging Saved My Day	Eytan Raz <i>New York, USA</i>
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12:00–12:30	BAPA, LSAA: Small aneurysm, big problems?	Tomas Dobrocky <i>Bern, Switzerland</i>
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12:30–13:00	Flatpanel-Picasso - Rare Causes of ICH	Rahul Kumar <i>Patna, India (Online)</i>
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13:00–13:45 *Lunch break*

Afternoon · Breakouts & Future Projects

13:45–16:00	Small Group Discussions (45min each) Group B: Hands-On Group A: Cases	Various
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16:15–17:00	Open Discussion, Collaboration agreements	All Attendees
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17:00–17:15	Farewell	Convenors
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Day 2 breakout details · 13:45–16:00 · small groups, 45 min each

Group B · Hands-on rotations (B1 → B2 → B3)

Station 1 3D-DSA, 4D-DSA, 6D-DSA, Micro-DSA, Super-Micro-DSA: I came, I saw, I got confused. Advanced post-processing: FOV, resolution, advanced reconstruction options and algorithms, filters, binning — *Eytan Raz, Eike Piechowiak*

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Group A · Cases

Cases 1 h cases · pause · 1 h cases — *Grégoire Boulouis, Johan Wasselius*