



European Low-Grade Glioma Network Meeting

Bern, Switzerland, April 3-5, 2025



UNIVERSITÄTSSPITAL BERN
HÔPITAL UNIVERSITAIRE DE BERNE

Universitätsklinik für
Neurochirurgie

Dear colleagues and friends of the ELGGN

We are grateful to host you all here in Bern for the European Low-Grade Glioma Network Meeting. We welcome you to this exciting conference and wish you an enriching scientific exchange.

The organizers

Kathleen Seidel, Philippe Schucht and Andreas Raabe



Main sponsors



Sponsors



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Program Overview

Thursday April 3, 2025

09:00–13:00 **Workshops: Theoretical part and lectures**

14:00–18:30 **Scientific program: Language and cognitive networks**
Abstract presentations
Keynote speakers: Hugues Duffau and Emmanuel Mandonnet

Friday April 4, 2025

08:30–12:30 **Scientific program: Intraoperative neurophysiology, brain mapping and cortico-cortical evoked potentials**
Abstract presentations
Keynote speakers: Riki Matsumoto, Francesco Sala and Lorenzo Bello

13:30–18:00 **Scientific program: Neuro-oncology and new treatment opportunities**
Abstract presentations
Keynote speakers: Monika Hegi and Andreas Hottinger

18:30 Guided city tour

20:00 Social dinner at Restaurant Schwellenmätteli

Saturday April 5, 2025

08:30–15:30 **Workshops: Hands-on parallel workshops**

Venue

The **Workshops** on Thursday morning and Saturday will be held in the **Felix Frey Auditorium** (ground floor) at the **sitem-insel** (*Freiburgstrasse 3, 3010 Bern*)

The **Scientific Program** on Thursday afternoon and Friday will take place at the **Langhans Hörsaal** (*Institute of Tissue Medicine and Pathology, Rosenbühlgasse 22, 3010 Bern*)



Arrival:

- Car: Take the A1 highway exit “**Bern Forsthaus**” and follow the **Inselspital** signs to the **Insel-Parking** at Murtenstrasse 12, 3008 Bern (see above map)
- Public transport: Take the train to “**Bern Hauptbahnhof**” and then either the bus no. 12, 100 or 101 to “**Inselplatz**” or “**Inselspital**” (see above map).

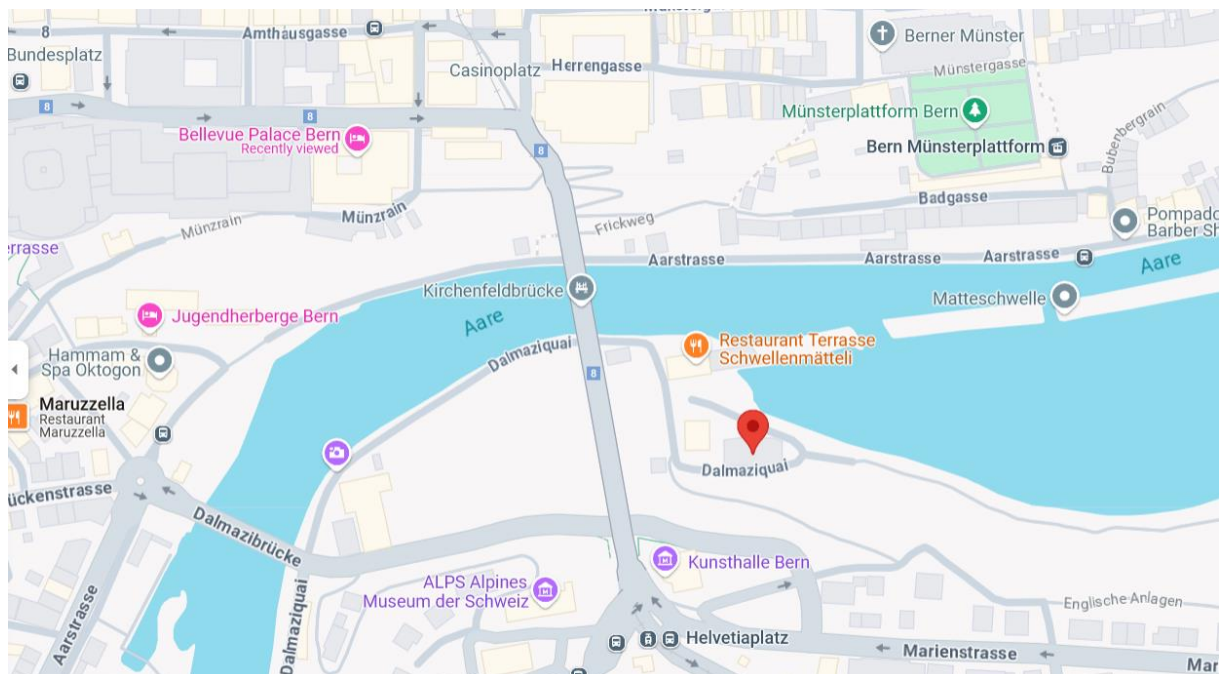
Guided city tour

After the scientific program on Friday, April 4 at 18:30, we will gather in front of the Langhans Hörsaal (see the map above) and be guided through the **city of Bern** to the social dinner place. Join us for a beautiful tour with historic and artistic facts through this medieval city.

Note that the city tour is not part of the scientific program and not funded by the sponsors. Participants of the ELGGN Meeting are free to join and may donate to the voluntary guides at the end, if they wish to do so.

Social dinner

The social dinner will take place on Friday, April 4 at 20:00 in the event room of the **Restaurant Schwellenmätteli** (Address: *Dalmaziquai 7, 3005 Bern*).



Note that the number of places for the social dinner is limited. If you're not sure whether you're registered for the social dinner, please contact us via e-mail or reach out to us on site.

The **25 EUR (or 25 CHF)** dinner fee must be paid at the **registration desk** on site (sitem or Langhans) in cash. For those showing up at the restaurant without having paid at the registration desk, the surcharge will be **50 EUR (or 50 CHF)**.

Thursday April 3, 2025

Workshops: Theoretical Part and Lectures

Felix Frey Auditorium (sitem-insel)

09:00–09:30	Registration
09:30–10.15	Servier: Management of Low-Grade Gliomas in the Era of IDH Inhibitors <i>Speakers: Andreas Hottinger, Giulia Cossu</i>
10:15–11:00	Brainlab-Langer: From fibertracking to IONM - surgeon directed approaches in clinical practice: case presentations <i>Speakers: Ralph König, Ramona Schuler</i>
11:00–11:30	<i>Break</i>
11:30–12:15	Nexstim: nTMS - basics, functional pre-operative mapping, post-surgical paresis therapy and cortical plasticity <i>Speakers: Sebastian Ille, Sam Ng</i>
12:15–13:00	Inomed: Latest technology for functional mapping <i>Speakers: Mariusz Gruchala, Nina Sitt, Moritz Billian, Celine Wegner</i>

Scientific Program - Thursday Afternoon

Hörsaal Langhans

Abstracts: 7 min oral presentation, 3 min discussion

Start	Finish	Title	Speaker	Authors	Affiliation
Language and cognitive networks Session moderators: Philippe Schucht and Francesco Vergani					
14:10	14:20	Welcome	Kathleen Seidel, Philippe Schucht, and Andreas Raabe		
14:20	14:30	How to preserve language and cognitive networks after low-grade glioma surgery?	Hugues Duffau		Montpellier University Medical Center
14:30	14:40				
14:40	14:50	Discussion			
14:50	15:00	Validation of the digital diagnostic Instrument for mild aphasia in patients with low-grade gliomas: preliminary results	Djaina Satoer	Michelle van Steijn, Elke De Witte, Joost Schouten, Eelke Bos, Marike Donders-Kamphuis, Arnaud Vincent, Djaina Satoer	Erasmus University Medical Center Rotterdam
15:00	15:10	nTMS language mapping with sentence completion (SC) in glioma patients: What is the optimal picture-to-trigger-interval (PTI)? – A pilot study	Johanna Scholtz	J. Scholtz, S. Weiss, H.M. Müller, T.F. Ersoy, M. Simon	University Hospital OWL, Campus Bielefeld-Bethel
15:10	15:20	Identification of extensive bihemispheric language networks by preoperative nTMS-based mapping using a verbal semantic association task	Maximilian Schwendner	Maximilian Schwendner, Leonie Kram, Haosu Zhang, Sandro M. Krieg, Sebastian Ille	Heidelberg University Hospital, Ruprecht-Karls-University Heidelberg
15:20	15:30	Proposal of a metric displacement for language function: the brain plasticity Index based on nTMS data	Camilla Bonaudo	Camilla Bonaudo, Edoardo Pieropan, Charly Caredda, Bruno Montcel, Luca Giannoni, Francesca Fedi, Elisa Castaldi, Fabrizio Baldanzi, Simone Troiano, Antonio Maiorelli, Matteo Elias Schapira, Agnese Pedone, Tommaso Casseri, Andrea Bianchi, Enrico Fainardi, Antonello Grippo, Francesco Saverio Pavone and Alessandro Della Puppa	University Hospital of Careggi, Florence
15:30	15:40	Awake craniotomy for diffuse glioma in multilingual patients: language outcomes in a match cohort study	Mariam Awan	Mariam Awan, Imran Ghani, Christos Soumpasis, Ali Elhag, Sabina Patel, Hilary Wren, Ana Mirallave-Pescador, Richard Gullan, Keyoumars Ashkan, Francesco Vergani, Ranjeev Bhangoo and José Pedro Lavrador	King's College Hospital NHS Foundation Trust
15:40	15:50	A role for the inferior fronto-occipital fasciculus underlying multimodal semantic control: a SEEG-white matter stimulation study	Davide Giampiccolo	Davide Giampiccolo, Ningfei Li, Alejandro Granados, Lawrence P. Binding, Elizabeth Jefferies, Rebecca Jackson, Aidan O'Keeffe, Vladimir Litvak, Umesh Vivekananda, Neil Burgess, Joana Oliveira, Andrew W. McEvoy, John S. Duncan, Beate Diehl, Anna Miserocchi, Fahmida Chowdhury	University College London
15:50	16:00	BREAK			
16:00	16:10	BREAK			
16:10	16:20	BREAK			

Start	Finish	Title	Speaker	Authors	Affiliation
16:20	16:30	State of the art and future challenges in the intra- and extra-operative assessment of cognitive functions	Emmanuel Mandonnet		Lariboisière Hospital, Université Paris 7 Diderot
16:30	16:40				
16:40	16:50				
16:50	17:00	Safety and functional outcomes of corpus callosum resection in lower-grade glioma surgery	Marco Rossi	M Rossi, G Puglisi, L Viganò, L Gay, T Sciortino, M Conti Nibali, A Gallotti, A Leonetti, L Bello	Università degli Studi di Milano
17:00	17:10	Short- and longterm impact of frontal aslant tract lesions on neurocognition	Carolin Weiss Lucas, Alexandre Campos	R. Loução, K. Ferner, K. Rodrian, S. Kochs, M. Becker, C. Nettekoven, D. Wiewrodt, M. Loehr, C. Jungk, M. Kocher, J. Hampl, M. Timmer, C. Maruta, J. Fonseca, A. R. Campos, R. Goldbrunner, the NOA19-Study Group, C. Weiss Lucas	University Hospital Cologne; University Hospital ULS Santa Maria, Lisbon
17:10	17:20	Application of navigated transcranial magnetic stimulation (nTMS) to study the visual-spatial network and prevent neglect in brain tumour surgery	Camilla Bonaudo	Camilla Bonaudo, Elisa Castaldi, Agnese Pedone, Federico Capelli, Shani Enderage Don, Edoardo Pieropan, Andrea Bianchi, Marika Gobbo, Giuseppe Maduli, Francesca Fedi, Fabrizio Baldanzi, Simone Troiano, Antonio Maiorelli, Giovanni Muscas, Francesca Battista, Luca Campagnaro, Serena De Pellegrin, Andrea Amadori, Enrico Fainardi, Riccardo Carrai, Antonello Grippo and Alessandro Della Puppa	University Hospital of Careggi, Florence
17:20	17:30	Convergent causal mapping of frontal networks for visuospatial selective attention	Guglielmo Puglisi	Guglielmo Puglisi, Luca Viganò, Antonella Leonetti, Marco Rossi, Tommaso Sciortino, Marco Conti Nibali, Lorenzo Gabriel Gay, Luca Forna, Gabriella Cerri, Lorenzo Bello	University of Milan
17:30	17:40	The digital TMT: how to draw reliable conclusions from single item stimulation during cognitive monitoring	Martine van Zandvoort	Martine JE van Zandvoort, Fleur van Ierschoot, Pierre Robe, Teuni ten Brink	University Medical Center Utrecht
17:40	17:50	Standardized monitoring of executive functions during awake glioma surgery	Maud Landers	M.J.F. Landers, H.B. Brouwers, A.M. Weggelaar, W. De Baene, T. Meijerink, M. Wilbers, P.A. Robe, M.J.E. van Zandvoort, E.M. Bos, D. Satoer, A.P.J.E. Vincent, E.O. Vik-Mo, A.A. Mughal, G. Minken, I. Poisson, M. Barberis, E. Mandonnet, G.J.M. Rutten	Elisabeth-TweeSteden Ziekenhuis Tilburg & Erasmus Medisch Centrum Rotterdam
17:50	18:00	Multivariate mapping of low-resilient neurocognitive systems within and around low-grade gliomas	Sam Ng	Sam Ng, Sylvie Moritz-Gasser, Anne-Laure Lemaitre, Hugues Duffau, Guillaume Herbet	Montpellier University Medical Center,
18:00	18:10	Process-based approach to neuropsychological evaluation in patients with low grade gliomas	Melissa-Ann Mackie	Melissa-Ann Mackie, Matthew Tate, Karan Dixit, Jessica Templer	Northwestern University Feinberg School of Medicine, Evanston, Illinois
18:10	18:20	Multi-task approach for localizing linguistic and cognitive cortical network components during preoperative stimulation mapping in glioma patients with and without global cognitive deficits	Leonie Kram	Leonie Kram, Maximilian Schwendner, Haosu Zhang, Sandro M. Krieg, Sebastian Ille	Heidelberg University Hospital, Ruprecht-Karls-University Heidelberg

Friday April 4, 2025

Scientific Program - Friday

Hörsaal Langhans

Abstracts: 7 min oral presentation, 3 min discussion

Start	Finish	Title	Speaker	Authors	Affiliation
<u>Intraoperative neurophysiology and cortico-cortical evoked potentials</u> Session moderators: Kathleen Seidel and Andrea Szelenyi					
08:30	08:40	The role of cortico-cortical evoked potentials (CCEPs) for glioma surgery	Riki Matsumoto		Kyoto University
08:40	08:50				
08:50	09:00	Discussion			
09:00	09:10	Application of CCEP in lobectomy for epileptic temporal LGG patients: a novel approach for asleep surgery for seizures	Francesca Battista	Francesca Battista, Riccardo Carrai, Alberto Parenti, Eleonora Visocchi, Camilla Bonaudo, Giovanni Muscas, Antonello Grippo, Alessandro Della Puppa	University of Florence, Careggi University Hospital
09:10	09:20	Cortico-cortical evoked potentials of language tracts in minimally invasive glioma surgery guided by Penfield stimulation	Pablo Alvarez Abut	Pablo Alvarez Abut, Kathleen Seidel, Jonathan Wermelinger, Vedran Deletis, Andreas Raabe, David Zhang, Philippe Schucht	Inselspital, Bern University Hospital
09:20	09:30	Towards multimodal intraoperative functional mapping using simultaneous functional ultrasound imaging (fUSi) and electrocorticography (ECoG) recordings during low grade glioma (LGG) tumor resection	Emma Gommers	E.C. Gommers, M. Verboom, L. Wei, J. Voorneveld, Y. Han, D. Satoer, A.J.P.E. Vincent, R. van den Berg, P. Kruizinga	Erasmus University Medical Centre, Rotterdam
09:30	09:40	Towards full monopolar and bipolar cortical and subcortical stimulation-mapping - Full mono/ bipolar subcortical stimulation-mapping	Henry Colle	Henry Colle, Peter Muller, David Colle, Bonny Noens, Kristel Vanchaze, Tybault Hollanders, Erik Robert, Annelies Aerts, Zus Dewitte	St Lucas General Hospital, Gent
09:40	09:50	Investigating parieto-motor, frontal-motor and cerebello-motor connectivity in glioma surgery under general anesthesia	Francesco Sala		University of Verona
09:50	10:00				
10:00	10:10	Discussion			
10:10	10:20	BREAK			
10:20	10:30	BREAK			
10:30	10:40	BREAK			
10:40	10:50	Awake and asleep mapping during surgery of M1 and pre-motor areas	Lorenzo Bello		University of Milan
10:50	11:00				
11:00	11:10	Discussion			

Start	Finish	Title	Speaker	Authors	Affiliation
11:10	11:20	Motor evoked potential monitoring and continuous dynamic mapping: warning criteria during surgery on 60 low-grade gliomas	Jonathan Wermelinger	Jonathan Wermelinger, Kathleen Seidel, Noah Wagner, Pablo Alvarez Abut, Mattia Branca, Sivani Sivanrupan, Philippe Schucht and Andreas Raabe	Inselspital, Bern University Hospital
11:20	11:30	Mapping strategies for resection of lesions within the primary motor cortex	Alberto Gallotti	Alberto L Gallotti, Marco Conti Nibali, Marco Rossi, Tommaso Sciortino, Lorenzo G Gay, Guglielmo Puglisi, Antonella Leonetti, Marta Lamperti, Vincenzo Callipo and Lorenzo Bello	University of Milan
11:30	11:40	Tractography under the microscope: A diagnostic test accuracy systematic review and meta-analysis of intraoperative tractography	Johannes Reilly	Johannes H. Reilly, Mitra L. Neymeyer, Meghan R. Forrest, Stephen Schüürhuis, Peter Vajkoczy, Julia Onken, Thomas Picht	Charité - Universitätsmedizin Berlin
11:40	11:50	Advancing preoperative assessment of the motor system through nTMS-based mapping of the supplementary motor area in patients with frontal brain tumors	Maximilian Schwendner	Maximilian Schwendner, Haosu Zhang, Leonie Kram, Sandro M. Krieg, Sebastian Ille	Heidelberg University Hospital, Ruprecht-Karls-University Heidelberg
11:50	12:00	Verbal fluency in patients with gliomas of the supplementary motor Area	Antonina Gottman-Narożna	Antonina Gottman-Narożna, Weronika Rejner, Agnieszka Olejnik, Aleksandra Bala, Kacper Koczyk, Tomasz Dziedzic, Przemysław Kunert	Medical University of Warsaw
12:00	12:10	rTMS-based neuromodulation for treatment of postoperative aphasia after tumor resection – a pilot study	Mitra Lara Neymeyer	Mitra L. Neymeyer, Lena Rybka, Nikki Hoekzema, Heike Schneider, Melina Engelhardt, Rosario Tomasello, Peter Vajkoczy, Adrià Rofes, Thomas Picht, Tizian Rosenstock	Charité - Universitätsmedizin Berlin
12:10	12:20	Overcoming barriers in neurosurgical education: introducing a simulator for insular glioma resection with fluorescence imaging (SIGMA)	Sifian Al-Hamid	Sifian Al-Hamid, Amir Amini, Vanessa M. Swiatek, Firat Taskaya, Julius Reiser, Klaus-Peter Stein, Ali Rashidi, I. Erol Sandalcioğlu, Belal Neyazi	Otto-von-Guericke Universitätsklinikum Magdeburg
12:20	12:30	BREAK			
12:30	12:40	BREAK			
12:40	12:50	BREAK			
12:50	13:00	BREAK			
13:00	13:10	BREAK			
13:10	13:20	BREAK			

Start	Finish	Title	Speaker	Authors	Affiliation
<u>Neuro-oncology, advanced imaging and new treatment opportunities</u> Session moderators: Andreas Raabe and Santiago Gil-Robles					
13:30	13:50	Towards in-vivo tissue classification during neurosurgery from wide field Mueller Polarimetric imaging - part 1	Omar Rodríguez-Núñez	HORAO	Inselspital University Hospital Bern
13:50	14:00	Towards in-vivo tissue classification during neurosurgery from wide field Mueller Polarimetric imaging - part 2	Richard McKinley	HORAO	Inselspital University Hospital Bern
14:00	14:10	Spectral edited 3D MRSI at 7T in low grade glioma patients	Johannes Slotboom		Inselspital University Hospital Bern
14:10	14:20	A proof-of-concept multicenter study: an automated, patient-specific tractography pipeline for subcortical tract visualization in patients with glioma	Mégan van de Veerdonk	MMGH van de Veerdonk, R Bakker, MJF Landers, EM Bos, E Mandonnet, K Rosengarth, AA Mughal, EO Vik-Mo, M Smits, HB Brouwers, GJM Rutten	Erasmus University Medical Center, Rotterdam
14:20	14:30	Prediction of aphasia in language-eloquent glioma patients using preoperative MRI-based radiomics	Paul Psyk	Paul Psyk, Lena Rybka, Peter Vajkoczy, Thomas Picht, Boshra Shams	Charité - Universitätsmedizin Berlin
14:30	14:40	Image-based outcome prediction of inhibitory control testing in awake surgery of glioma patients	Pierre Robe	T.M. Kos, S.H. Hartung, M. de Boer, L.W. Bartels, M.J.E. van Zandvoort, P.A. Robe, T.P.C. van Doormaal	University Medical Center Utrecht
14:40	14:50	Greater disturbance of functional connectivity in patients with low grade glioma is associated with worse progression – free survival	Veit Stoecklein	Veit M Stoecklein, Stephan Wunderlich, Boris Papazov, Sophie Katzendobler, Jonathan Weller, Michael Schmutzer-Sondergeld, Christian Schichor, Florian Ringel and Sophia Stoecklein	LMU University Hospital Munich
14:50	15:00	Neuro-oncology and new treatment opportunities in low grade glioma	Andreas Hottinger		Lausanne University Hospital CHUV
15:00	15:10				
15:10	15:20				
15:20	15:30	Discussion			
15:30	15:40	BREAK			
15:40	15:50	BREAK			
15:50	16:00	BREAK			
16:00	16:10	Real world outcomes of off-label IDH inhibitors	Karan Dixit	Karan Dixit, Matthew Tate, Jessica Templer, Melissa-Ann Mackie	Northwestern University, Evanston, Illinois
16:10	16:20	Cognitive functioning of patients with gliomas of the supplementary motor area: the role of tumor malignancy grade	Weronika Rejner	Weronika Rejner, Antonina Gottman-Narożna, Agnieszka Olejnik, Aleksandra Bala, Kacper Koczyk, Tomasz Dziedzic, Przemysław Kunert	Medical University of Warsaw

Start	Finish	Title	Speaker	Authors	Affiliation
16:20	16:30	NeuroMapper: a tablet-based testing platform to map patients' cognitive functions during awake craniotomy	Sujit Prabhu	Esteban Ramirez-Ferrer, Katherine Connelly, Lucie Lavelle, Shreyas Bhavsar, Sally Raty, Sherise Ferguson, Jeffrey Weinberg, Chibawayne Ene, Frederick Lang, Sujit S. Prabhu	The University of Texas MD Anderson Cancer Center
16:30	16:40	Computational measures of clustering in verbal fluency: patterns following awake surgery in glioma patients	Logan Gaudet	Logan Gaudet, Marion Barberis, Adrià Rofes, Roel Jonkers, Emmanuel Mandonnet	Sorbonne Université, Paris
16:40	16:50	Neurocognitive assessment tools in- and outside the awake surgery setting	Carolin Weiss Lucas	Carolin Weiss Lucas, Elisabeth Bumes, Ricardo Loução, Kristina Jonas, Katharina Rosengarth, Maura Becker, Juergen Hampl, Marco Timmer, Peter Hau, Roland Goldbrunner	University of Cologne, Faculty of Medicine and University Hospital Cologne
16:50	17:00	Low grade glioma perio-operative cognitive assessment (LGG-POCA) survey	Francesco Vergani	LGG-POCA collaborators	King's College Hospital, London UK
17:00	17:10	Only age predicts health-related quality of life one year after surgery: an assessment of diffuse lower-grade glioma from the LoG-Glio registry	Jan Coburger	Jan Coburger, Julia Onken, Minou Nadj-Ohl, Stefan Rückriegel, Dorothee Mielke, Marianne Kimpan, Constantin Roder, Marie-Therese Forster, Katja Kniese, Christine Jungk, Darius Kalasauskas, Ludovica Fabbrocini, Andreas Ziebart, Lennard Sannwald, Sabrina Riehl, Mario Löhr, Florian Ebner, Florian Ringel, Sandro Krieg, Arya Nabavi, Marcus Czabanka, Marcos Tatagiba, Rüdiger Gerlach, Veit Rohde, Ralf-Ingo Ernestus, Oliver Gansland, Peter Vajkoczy, Christian Rainer Wirtz	University of Ulm
17:10	17:20	Work ability in patients after glioma surgery: a patients' perspective	Lena Rybka	Lena Rybka, Adrià Rofes, Roel Jonkers, Milena Burzlaff, Julia Onken, Peter Vajkoczy, Thomas Picht, Tizian Rosenstock	Charité - Universitätsmedizin Berlin
17:20	17:30	First report of long-term overall survival of more than 20 years after low-grade glioma surgery	Hugues Duffau	Sam Ng, Hugues Duffau	Montpellier University Medical Center
17:30	17:40	Long-term family outcomes in grade 2 IDH-mutated glioma patients treated with awake-guided surgery: biological, professional, and therapeutic interactions.	Sam Ng		Montpellier University Medical Center
17:40	17:50	Announcement of next meeting and closure	Kathleen Seidel, Philippe Schucht and Andreas Raabe		
17:50	18:00	BREAK			
18:00	18:10	BREAK			
18:10	18:20	BREAK			
18:20	18:30	BREAK			
18:30		Guided city tour and social dinner (Schwellenmätteli)			

Saturday April 5, 2025 - Hands-on Parallel Workshops

Felix Frey Auditorium (sitem-insel)

08:30–09:00	Introduction: CCEPs with Riki Matsumoto
09:00–11:00	Workshop 1: Inomed Workshop 2: Nexstim
11:00–11:30	<i>Break</i>
11:30–12:00	Introduction: Fibre tracking with Stephanie Forkel
12:00–13:30	Workshop 3: Brainlab-Langer
13:30–14:00	<i>Break</i>
14:00–15:30	Workshop 4: Hands-on fibre tracking with Stephanie Forkel

Workshop 1: Inomed (09:00-11:00)

Intraoperative mapping awake vs. asleep

In this workshop, we will discuss and practice how to set up intraoperative mapping for awake and asleep procedures.

Workshop 2: Nexstim (09:00-11:00)

nTMS hands on workshop to practice non-invasive, preprocedural motor mapping first hand

Guided by an experienced operator, you will be able to deliver pulses and see motor-evoked potentials in real-time. See how coil positioning, tilt and rotation influence the stimulation intensity on the cortex and why navigating the coil in real-time is crucial for accurate results. We will also show you how nTMS language mapping works and which types of errors you might see. Both nTMS motor and language mapping data can then be imported into pre-operative planning software to support awake mapping in the OR.

Workshop 3: Brainlab-Langer (12:00-13:30)

From Fibertracking to IONM - Hands on workshop

In this workshop, participants will engage in hands-on planning using Brainlab's Elements Fibertracking software, focusing on visualizing and analyzing brain white matter pathways to

enhance surgical precision. Following this, Langer Medical will present their neuromonitoring approach designed to support surgeons within their workflow intraoperatively.

Workshop 4: Stephanie Forkel (14:00-15:30)

Hands-On Tractography Workshop: Mapping the Brain's White Matter Pathways

Join us for an immersive, hands-on tractography workshop, where you will explore the intricate architecture of the brain's white matter. Using state-of-the-art data and tools, participants will be guided through manual dissections of major association, projection, and commissural tracts, gaining a deeper understanding of their structural connectivity. This practical session is ideal for researchers, clinicians, and students keen to enhance their skills in neuroimaging and diffusion MRI analysis. Whether you're new to tractography or looking to refine your expertise, this workshop offers a unique opportunity to visualise and dissect white matter pathways with precision.

Organizing committee:

Prof. Dr. med. Kathleen Seidel

Jonathan Wermelinger, PhD

Contact: ELGGN-Meeting-Bern@insel.ch