

13th ILAE School for Neuropathology and Epilepsy Surgery

24th – 26th August 2023
 MedUni Vienna/University Hospital Vienna

www.meduniwien.ac.at/ilaeVienna2023

Cover picture: Karl Rössler

Course directors
 Karl Rössler, Ingmar Blümcke and Christian Dorfer

Course faculty
Ingmar Blümcke
 Neuropathological Institute, Universitätsklinikum Erlangen, Germany

Stefan Rampp
 Neurosurgery Clinic, Universitätsklinikum Erlangen, Germany

Thilo Kalbhenn
 Neurosurgery Clinic, Evangelisches Klinikum Bethel Bielefeld, Germany

Thomas Czech, Christian Dorfer, Klaus Novak and Karl Rössler
 Department of Neurosurgery, MedUni Vienna/University Hospital Vienna, Austria

Martha Feucht
 Department of Pediatric and Adolescent Medicine, MedUni Vienna/University Hospital Vienna, Austria

Romana Höftberger and Ellen Gelpi-Mantius
 Department of Neurology, Neuropathology and Neurochemistry, MedUni Vienna/University Hospital Vienna, Austria

Gregor Kasprian
 Division of Neuroradiology and Musculoskeletal Radiology, MedUni Vienna/University Hospital Vienna, Austria

Christoph Baumgartner
 Department of Neurology, Klinik Hietzing Vienna, Austria

Bertil Rydenhag
 Department of Neuroscience, University of Gothenburg, Sweden

Enrico Ghizoni
 Department of Neurology, University of Campinas, Brazil



Photo: Department of Neurosurgery

Organization
 Fabian Winter, Department of Neurosurgery, MedUni Vienna/University Hospital Vienna, Austria

Course secretary
 Lisa Gäcklein, Department of Neurosurgery, MedUni Vienna/University Hospital Vienna, Austria

Workshop description
 Surgical management of drug-resistant focal epilepsy represents a successful treatment option in carefully selected patients. It is therefore of utmost importance to identify patients amenable to epilepsy surgery early enough during the disease course and submit to a pre-surgical evaluation. The 13th ILAE School for Neuropathology and Epilepsy Surgery is designed to enable participants to better recognize and classify various lesional substrates of drug-resistant epilepsy. Advanced hands-on surgical training will be provided in small groups under the guidance of distinguished tutors who will give practical demonstrations on macro- and microscopic brain specimens. Participants will also have the opportunity to perform surgical approaches on cadavers and diagnose histopathological cases under the microscope. The workshop has already been held in Germany, Brazil, USA and China since 2013, with a focus on histopathology and the endorsement of the International League Against Epilepsy (ILAE).

- Learning objectives of the ILAE curriculum**
- Describe the common structural etiologies (hippocampal sclerosis, brain tumours, cortical malformations, vascular lesions);
 - Demonstrate working knowledge of indications for pre-surgical evaluation;
 - Describe the importance of early surgical intervention regarding neuro-developmental, cognitive, behavioral and social integration aspects;
 - Demonstrate working knowledge of etiologies amenable to surgical treatment and their prognosis in all age groups;

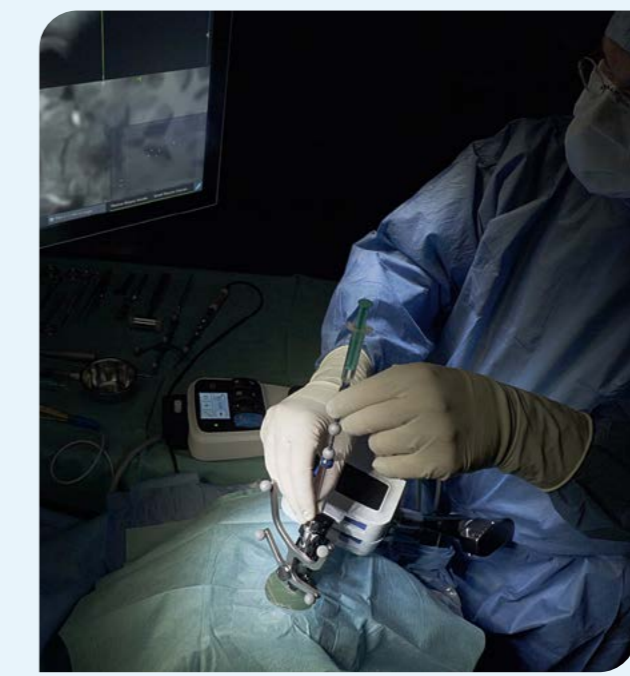


Photo: MedUni Vienna/Christian Houdek

Target audience
 Neurosurgeons, Neuro-/Pathologists, Epileptologists and Neurologists, Neuroimagers and Basic Researchers

We look forward to welcoming you soon in Vienna!

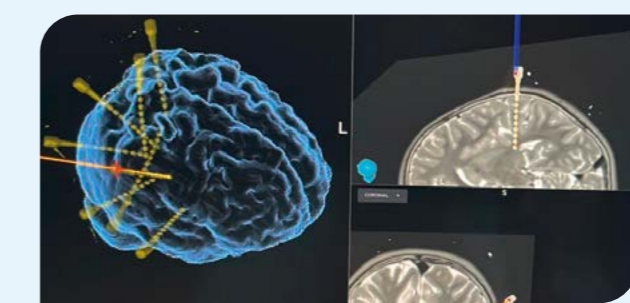


Photo: Department of Neurosurgery

Location 1
Jugendstilhörsaal, MedUni Vienna, Spitalgasse 23, Floor 2, 1090 Vienna

Location 2
Anatomical laboratory
 Department of Neurosurgery, Room 08.H2.14., Floor 8H, University Hospital Vienna, Währinger Guertel 18–20, 1090 Vienna

Location 3
Course room 29, Lecture hall MedUni Vienna, Floor 8L, University Hospital Vienna, Währinger Guertel 18–20, 1090 Vienna

Location 4
AKH-Mensa, University Hospital Vienna, Währinger Guertel 18–20, 1090 Vienna

Programme

Thursday, 24th August

Location 1: Jugendstilh rsaal

12.00 pm
Registration

1.00 – 2.00 pm
Lectures

Principles in epilepsy diagnosis and treatment
Christoph Baumgartner

Structural and functional neuroimaging for epilepsy
Gregor Kasprian

Histopathological findings in brain tissue obtained from epilepsy surgery
Ingmar Bl mcke

2.00 – 2.30 pm
Coffee break

2.30 – 3.30 pm
Principles in epilepsy surgery
Bertil Rydenhag

Epilepsy surgery of the temporal lobe
Enrico Ghizoni

Minimal invasive techniques in epilepsy surgery
Karl R ssler

3.30 – 5.00 pm
Hands-on course I

Location 2: Anatomical laboratory
Group 1: Brain dissection course – Hands-on training

Location 3: Course room 29
Group 2: Microscopy training course – Hands-on training

6.00 pm
Networking event I
Location to be announced

Friday, 25th August

Location 1: Jugendstilh rsaal

9.00 – 10.00 am
Lectures

Role of MEG for presurgical investigation in epilepsy
Stefan Rampp

Focal cortical dysplasia and LEATs
Ingmar Bl mcke

Epilepsy surgical strategies for LEATs and FCDs
Thilo Kalbhenn

10.00 – 10.30 am
Coffee break

10.30 – 11.30 am
Holo-hemispheric pathologies and autoimmunencephalitis
Romana H ftberger and Ellen Gelpi-Mantius

Disconnective procedures in epilepsy surgery
Christian Dorfer

Stimulation procedures for intractable epilepsy
Klaus Novak

Surgical techniques in MRI negative focal epilepsy
Karl R ssler

Location 4: AKH Mensa
11.30 am – 1.00 pm
Lunch

1.00 – 5.00 pm
Hands-on course II

Location 2: Anatomical laboratory
Group 2: Brain dissection course – Hands-on training

Location 3: Course room 29
Group 1: Microscopy training course – Hands-on training

7.00 pm
Networking event II
Location to be announced

Saturday, 26th August

Location 1: Jugendstilh rsaal

10.00 – 11.20 am
Lectures

Hippocampal sclerosis
Ingmar Bl mcke

Childhood epilepsy and indications for surgery
Martha Feucht

Epilepsy surgery of the insula
Thilo Kalbhenn

Awake surgery techniques for eloquent brain areas
Christian Dorfer

11.20 am – 1.00 pm
Lunch buffet at the lecture hall area

1.00 – 3.30 pm
Hands-on course III

Location 2: Anatomical laboratory
Group 1: Brain dissection course – Hands-on training

Location 3: Course room 29
Group 2: Microscopy training course – Hands-on training

4.30 pm
Networking event III
Location to be announced

Please be aware that photographs and/or video footage will be taken at the event. These may be used for the purpose of documenting or reporting the event and published in print and online media, on various social media platforms and on MedUni Vienna's website.

In cooperation with



With the kind support of



Seeing beyond