

Lectures and Hands-on in Epilepsy Surgery, Neuropathology and Neuroanatomy

# INES2023 VIENNA

## 13<sup>th</sup> ILAE Summer School for Neuropathology and Epilepsy Surgery

24<sup>th</sup> – 26<sup>th</sup> August 2023  
 MedUni Vienna/University Hospital Vienna

www.meduniwien.ac.at/IlaeVienna2023

DEPARTMENT OF NEUROSURGERY



Cover picture: Karl Rössler

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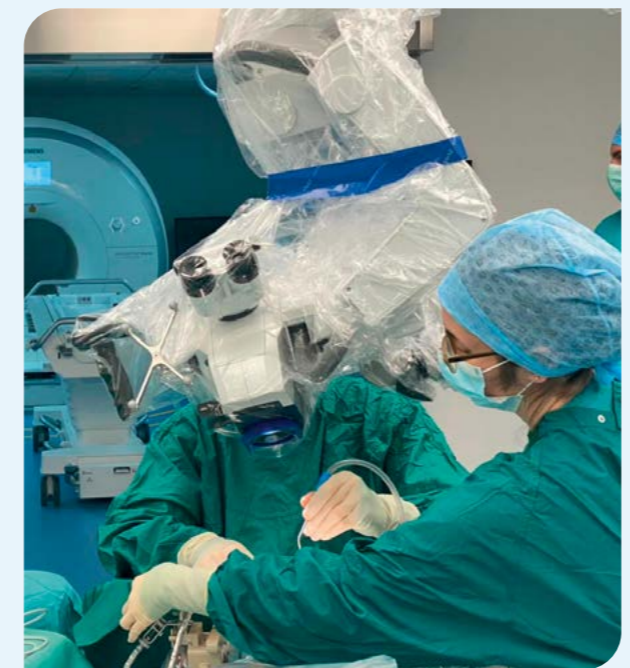


Photo: Department of Neurosurgery

**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 13<sup>th</sup> 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;

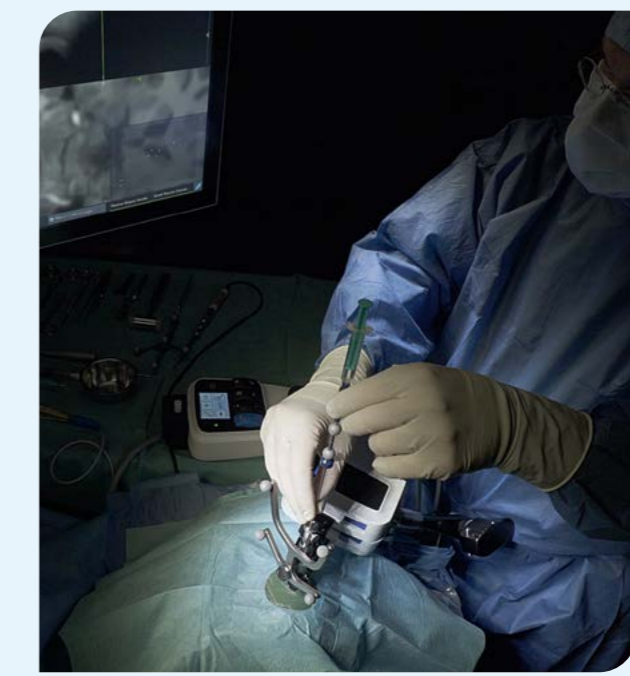


Photo: MedUni Vienna/Christian Houdek

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

We look forward to welcoming you soon in Vienna!

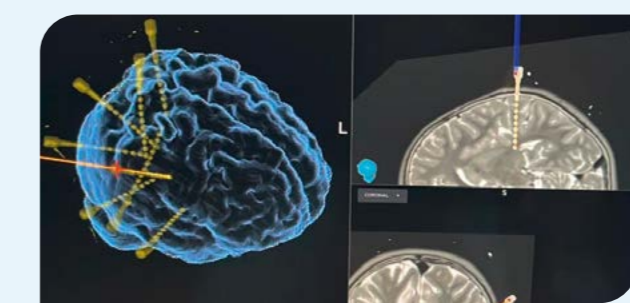


Photo: Department of Neurosurgery

**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, 24<sup>th</sup> 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, 25<sup>th</sup> 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, 26<sup>th</sup> 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.

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