



Dear Colleagues!

It is a great pleasure to invite you to our training course on the “basic techniques of microsurgery and cerebral revascularization”.

Our workshop will focus on basic skills to handle the operating microscope and the instruments correctly. Furthermore, you will learn the micromanipulation of different tissues including small vessels and nerves under the microscope. Different kinds of microsurgical anastomosis and nerve coaptations will be performed as well. The course is dedicated not only to residents and young neurosurgeons, also the advanced neurosurgeon will have the opportunity to improve his/her techniques under the supervision of experts in the field. In addition, lectures on different topics relating to microneurosurgery will be presented in between the practical sessions. At least 5 hours of daily practical training have to be anticipated by the trainees. At the end of the training course, lectures from multidisciplinary specialists will focus on presenting the state of the art techniques, indications and latest evidence on cerebral revascularization.

Sincerely yours,

Gerhard Bavinzski  
Workshop Director

Karl Rössler  
Workshop Chairman  
Head of the Department of Neurosurgery

## 44<sup>th</sup> European Workshop Basic Techniques of Microsurgery and Cerebral Revascularization

18<sup>th</sup> – 22<sup>nd</sup> May 2026

Department of Neurosurgery  
Medical University of Vienna/University Hospital  
Vienna, Austria

[www.meduniwien.ac.at/microsurgery](http://www.meduniwien.ac.at/microsurgery)

DEPARTMENT OF NEUROSURGERY



Monday, 18<sup>th</sup> May

8.45 am  
**Registration**

9.00 – 9.05 am  
**Welcome and Introduction**  
Karl Rössler

9.05 – 9.20 am  
**Lecture: Use and Misuse of the Operating Microscope and Surgical Instruments**  
Gerhard Bavinzski

9.20 – 9.30 am  
**Lecture: Instruments, Care and Skill Assessment**  
Philippe Dodier, Lorenzo Civilla, Francesco Moscato

9.30 – 9.40 am  
**Lecture: Microsurgical Suture Techniques and Suture Material**  
Wei-Te Wang

9.40 – 10.20 am  
**Hands-on: Performance of Running Sutures under the Microscope**  
Instructor: Heber Ferraz-Leite

10.20 – 10.40 am  
**Refreshment Break**

10.40 – 11.20 pm  
**Hands-on: Performance of Interrupted Sutures under the Microscope**  
Instructor: Arthur Hosmann

11.20 am – 12.00 pm  
**Hands-on: Performance of End-to-End Anastomosis on Artificial Vascular Models**  
Instructor: Philippe Dodier

12.00 – 1.00 pm  
**Lunch**

1.00 – 2.00 pm  
**Hands-on: Performance of End-to-End Anastomosis (Arteries)**  
Instructor: Philippe Dodier

2.00 – 3.00 pm  
**Hands-on: Performance of End-to-End Anastomosis (Veins)**  
Instructor: Philippe Dodier

3.00 – 4.00 pm  
**Hands-on: Performance of End-to-Side Anastomosis (Arteries)**  
Instructor: Wei-Te Wang

4.00 pm  
**Adjourn**

6:30 pm  
**Networking Event - „Heuriger Evening“**

Tuesday, 19<sup>th</sup> May

8.00 – 8.20 am  
**Lecture: Revascularization in Cerebral Ischemia The Technique of the Standard STA-MCA Bypass**  
Gerhard Bavinzski

8.20 – 9.40 am  
**Hands-on: Performance of End-to-Side Anastomosis (Veins)**  
Instructor: Arthur Hosmann, Anna Cho

9.40 – 10.00 am  
**Refreshment Break**

10.00 – 11.00 am  
**Hands-on: Performance of End-to-Side Anastomosis (Arteries, different Angles)**  
Instructor: Maximilian Krawagna

11.00 am – 12.00 pm  
**Hands-on: Performance of End-to-Side Anastomosis (Veins, different Angles)**  
Instructor: Arthur Hosmann

12.00 – 1.00 pm  
**Lunch**

1.00 – 1.20 pm  
**Video Presentation: External Carotid Artery to MCA Bypass Using Saphenous-Vein-Grafts**  
Philippe Dodier

1.20 – 1.40 pm  
**Hands-on: Vein Graft of End-to-End Anastomosis**  
Instructor: Arthur Hosmann, Anna Cho

1.40 – 2.00pm  
**Hands-on: Vein-Wall Patch Graft**  
Instructor: Anna Cho, Maximilian Krawagna

2.00 - 4.00pm  
**Hands-on: Advanced techniques**  
Instructor: Philippe Dodier, Anna Cho

4.30 pm  
**Adjourn**

Save the date

19<sup>th</sup> May 2026 (5.00 - 7:30pm)  
Satellite Event: **Advanced Aneurysm Clipping and Bypass Simulation and Training using exoscope**

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Wednesday, 20<sup>th</sup> May

8.00 – 8.50 am  
**Lecture: Microsurgery of the Peripheral Nerves**  
Tomas Menovsky

8.50 – 9.50 am  
**Hands-on: Nerve Coaptation**  
Instructor: Tomas Menovsky

9.50 – 10.10 am  
**Refreshment Break**

10.10 - 12.00am  
**Experimental Aneurysm Models**  
Instructor: Wei-Te Wang, Arthur Hosmann

12.00 – 1.00 pm  
**Lunch**

1.00 - 2.00 pm  
**Hands-on: End-to-Side Anastomosis in the Depth**  
Instructor: Gerhard Bavinzski

2.00 - 2.15 pm  
**Case presentation: Side-to-Side Anastomosis in the depth**  
Instructor: Alexandros Andreou

2.15 - 2.30 pm  
**Refreshment Break**

2.30 - 4.30 pm  
**Hands-on: Side-to-Side Anastomosis**  
Instructor: Alexandros Andreou

4.30 pm  
**Adjourn**

Thursday, 21<sup>st</sup> May

8.20 am **Be on time!**  
**Meeting Place: Department of Neurosurgery**

8.30 – 8.50 am  
**Introduction to Experimental Microvascular Surgery**  
Gerhard Bavinzski, Arthur Hosmann

8.50 am – 12.00 pm  
**Hands-on: Performance of End-to-End Arterial Anastomosis in Animals (CCA, Aorta, Femoral Artery)**  
Instructors: Faculty

12.00 – 12.45 pm  
**Lunch**

12.45 – 2.45 pm  
**Hands-on: Performance of End-to-Side Arterial Anastomosis in Animals (CCA)**  
Instructors: Faculty

2.45 – 3.00 pm  
**Refreshment Break**

3.00 – 4.00 pm  
**Hands-on: Small Caliber Vascular Replacement with Synthetic Grafts**  
Instructions: Faculty

4.00 pm  
**Adjourn**

7.00 pm  
**Networking Dinner for Course Participants and Members of the Faculty**

Friday, 22<sup>nd</sup> May

8.30 - 8.35am  
**Welcome and Introduction**  
Gerhard Bavinzski

8.35 - 8.55am  
**Radiological Assessment of Cerebral Ischemia**  
Ammar Mallouhi

8.55 - 9.15am  
**Pathophysiology of Cerebral Ischemia**  
Wolfgang Serles

9.15 - 9.35am  
**History of Cerebral Revascularization and Techniques of carotid thrombendarterectomy**  
Heber Ferraz Leite

9.35 - 9.55am  
**Endovascular aspects of stroke**  
Wolfgang Marik

9.55 - 10.10am  
**Refreshment break**  
10.10 - 10.30am  
**Neurovascular management of aneurysms by a hybrid surgeon: Coiling versus clipping**  
Alexandros Andreou

10.30 - 11.00am  
**The role of bypass surgery in the endovascular era of brain aneurysm treatment. A hybrids' perspective**  
Gerhard Bavinzski

11.00 - 11.20am  
**Bypass Surgery from the Japanese perspective**  
Satoshi Kuroda (*To be confirmed*)

11.20 - 11.40am  
**Vessel Harvesting and the Belgian bypass experience**  
Tomas Menovsky

11:40 - 12.45pm  
**Lunch**  
12.45 - 1.05pm  
**Upper basilar artery aneurysm surgery - Kawase approach**  
Vladimir Papic  
1.05 - 1.25pm  
**Surgical Management of Moya-Moya Disease**  
Andreas Gruber (To be confirmed)

Lecture Day  
location tbd

1.25 - 1.45pm  
**Innovating the Future: Transforming Bypass Surgery for the Next Generation**  
Erez Nossek (*To be confirmed*)

1.45 - 2.05pm  
**Pre- and intraoperative Planning for cererbral revascularization**  
Philippe Dodier

2.05 - 2.30pm  
**Discussion & Awarding of Certificates**  
Gerhard Bavinzski

International Faculty

Alexandros Andreou  
Department of Neurosurgery and Interventional Neuroradiology  
Hygeia Medical Center, Greece

Satoshi Kuroda  
Department of Neurosurgery  
University of Toyama, Japan

Vladimir Papic  
Department of Neurosurgery  
Univerity of Novi Sad, Serbia  
King Fahad Hospital, Al Hofuf, Saudi Arabia

Andreas Gruber  
Department of Neurosurgery  
Johannes Kepler University Linz  
Former Workshop Director

Maximilian Krawagna  
Department of Neurosurgery  
Klinikum St. Elisabeth, Straubing, Germany

Tomas Menovsky  
Department of Neurosurgery  
Medical University of Antwerp, Belgium

Erez Nossek  
Department of Radiology and Neurosurgery  
NYU Langone Medical Center, New York, USA

Organization and Local Faculty

Gerhard Bavinzski\*  
Workshop Director

Anna Cho\*

Lorenzo Civilla  
Center for Medical Physica and Biomedical Engineering

Philippe Dodier\*  
Workshop Secretary

Heber Ferraz-Leite  
Private Consultant Neurosurgeon  
Found and former Workshop Director

Dorian Hirschman\* (on leave)

Arthur Hosmann\*

Ammar Mallouhi  
Dpt. of Biomedical Imaging and Image-guided Therapy

Wolfgang Marik  
Dpt. of Biomedical Imaging and Image-guided Therapy

Francesco Moscato  
Center for Medical Physica and Biomedical Engineering

Karl Rössler\*  
Chairman

David Santer  
Center for Biomedical Research and Translational Surgery

Wolfgang Serles  
Department of Neurology, Meduni Vienna

.Wei-Te Wang\*  
Workshop Secretary

\* Dpt. of Neurosurgery, Medical University of Vienna



Please register at:  
www.meduniwien.ac.at/microsurgery

**Course Venue 18<sup>th</sup>-20<sup>th</sup> May 2026:**  
Medical University of Vienna/University Hospital Vienna  
Department of Neurosurgery  
Neurosurgical laboratory, Floor 8H  
Waehringer Guertel 18-20, 1090 Vienna, Austria



**Meeting Point 8.20 am, 21<sup>st</sup> May 2026:**  
Medical University of Vienna/University Hospital Vienna  
Department of Neurosurgery  
Entrance, Floor 5  
Waehringer Guertel 18-20, 1090 Vienna, Austria

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*more to be announced soon*

