

„it's good to know, it's BeST to simulate“

SCIENTIFIC DIRECTOR

Prof. Dr. Peter A. Winkler

LOCAL HOST

Prof. Dr. Peter Vajkoczy

HONORED LECTURERS

Prof. Dr. med. François Alesch

Universitätsklinik für Neurochirurgie, Vienna, Austria

Prof. Dr. Michael Bruneau

Brussels, Department of Neurosurgery,
Vrije Universiteit Brussel, Belgium

Assoc. Prof. Dr. Pau Capilla-Guasch

Servicio de Neurocirurgia,
Hospital Clin. Universit. de Valencia, Spain

Prof. Florian Ebner

Department of Neurosurgery - Krupp-Krankenhaus Essen

Prof. Dr. Kartik G. Krishnan

Neurosurgery, Frankfurt

Prof. Dr. Andreas Raabe

Department of Neurosurgery at the Inselspital,
Bern University Hospital

FACULTY | CHARITÉ - UNIVERSITÄTSMEDIZIN BERLIN, NEUROSURGERY

PD Dr. Thomas Jöns

Professor of Anatomy and Head of the
Berlin Simulation- and Training Center (BeST-CAT)

Prof. Dr. Thomas Picht

Professor of Digital Neurosurgery

Prof. Dr. Peter Vajkoczy

Professor and Chairman

Prof. Dr. Peter A. Winkler

Em. Professor and Chairman, Visiting Professor Researcher

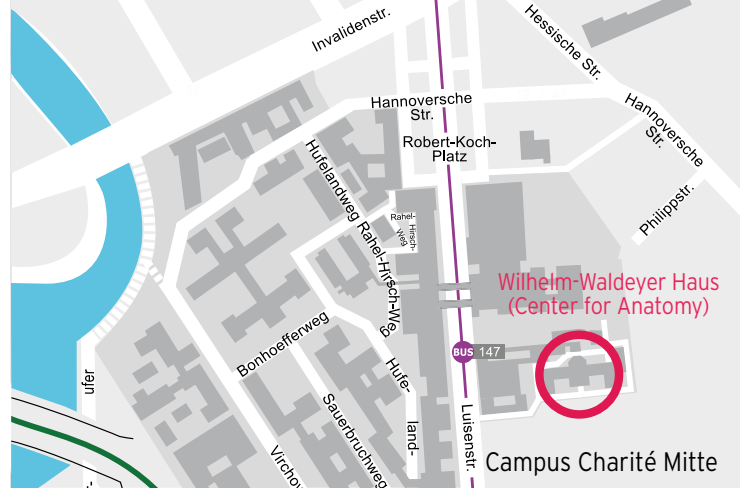
TUTORS

PD Dr. Katharina Faust, PD Dr. Nils Hecht, Dr. Martin Misch,
PD Dr. Julia Onken (Charité - Universitätsmedizin Berlin,
Neurosurgery)

Dr. Torsten Weiß (BeST-CAT)

Stefan Lieber (Paris Hospital Lariboisiere Service de
Neurochirurgie)

PD Dr. Ottavio Santino Tomasi (Salzburg Paracelsus
University Department of Neurosurgery)



VENUE

Dissection Hall and Seminar Room
BeST-CAT at the Campus Charité Mitte
Wilhelm-Waldeyer Haus (Center for Anatomy)
Philippsstraße 11, 10115 Berlin

ARRIVAL

with Public Transport

S+U Berlin-Hauptbahnhof (S5/S7/S9/S75)

U Naturkundemuseum (U6)

U Oranienburger Tor (U6)

S+U Friedrichstr. (S1/S2/S5/S7/S9/S75/U6)

If you arrive by public transport we recommend
for further planning:

www.bvg.de

Parking spaces in Berlin-Mitte are rare.

ORGANIZER

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Berlin Simulation- and Training Center
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Contact: Caroline Meder-Liegle
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REGISTRATION

E-Mail: best-cat@charite.de

Internet: best.charite.de

Maximum number of participants: 30

Fee: 950 € per participant



Berlin Simulation- and Training Center

1st Comprehensive Berlin Anatomy Course Anatomical Basics for Neurosurgery

Design: Zentr. Mediendienleistungen Charité, CCI15/Neurochirurgie

2022
November 18 - 20

Dear young Neurosurgeons, dear Colleagues,
 We would like to invite you to our first hands-on course „Anatomical Basics of Neurosurgery“, which will be held at the Berlin Simulation and Training Center (BeST) of the Charité University Hospital from November 18 to 20, 2022. Based on a novel concept, the course aims to combine complex neuroanatomical theory with hands-on exploration in a comprehensive three-day microsurgical neuroanatomical training program. Prof. Dr. Peter A. Winkler's successful Salzburg Anatomy Course with human specimens will be combined with 4k3D presentation technology and a revolutionary new fixation technique, that permits a real and comprehensive exploration of the neuroanatomical structures also after craniotomy and dural opening.
 We wish you instructive and interesting days with us in November 2022 in Berlin!

FRIDAY, NOVEMBER 18, 2022

08:00 - 08:45 am

Registration and Welcome Reception

08:45 - 09:00 am

Introduction *Prof. Dr. Peter Vajkoczy, Chairman*
 Opening *Prof. Dr. Peter A. Winkler, Course Director*

09:00 - 10:00 am

A Craniocerebral Topography of Hemispheres and Lateral Ventricles

Lecture and Hands-on *Peter A. Winkler*

10:00 - 11:00 am

B Pterional Approach to the Sylvian Fissure and Basal Cisterns

Lecture and Hands-on *Peter Vajkoczy, Peter A. Winkler*

11:00 - 12:00 am

C Splitting of the Sylvian Fissure - the Way to the Carotid Artery

Lecture and Hands-on *Andreas Raabe*

12:00 - 01:00 pm Lunch

01:00 - 03:00 pm

D Functional Anatomy of White Matter and Tracts

Lecture and Anatomical Demonstration
Peter A. Winkler, Thomas Picht

03:00 - 05:00 pm

E Functional Anatomy of the Basal Ganglia

Lecture and Hands-on with Brain Atlases
François Alesch, Peter A. Winkler

05:00 pm

Evening at Leisure in Berlin

SATURDAY, NOVEMBER 19, 2022

08:00 - 09:00 am

F Skull Base and Related Structures

Lecture and Anatomical 3D-Demonstration
Peter A. Winkler

09:00 - 12:00 am

G Brainstem and Related Approaches

Lecture and Hands-on
Michael Bruneau, Pau Capilla-Guasch, Peter A. Winkler

12:00 - 01:00 pm Lunch

01:00 - 03:00 pm

H Approaches to Midline Structures and III. Ventricle

Lecture and Hands-on: Interhemispheric Dissection, Callosotomy, Visualization of Structures in and around the III. Ventricle and of the Lateral Ventricles
Peter A. Winkler

03:00 - 04:30 pm

I Cerebellum and Related Approaches

Lecture and Hands-on *Peter A. Winkler*

04:30 - 05:00 pm Break

05:00 - 07:00 pm

J Temporomesial Region and Related Approaches

Lecture and Hands-on: Visualization of the Different Approaches to the Temporomesial Region and Study of the Anatomy around the Brain Stem
 Lecture and Hands-on *Peter A. Winkler and Peter Vajkoczy*

08:00 pm

Working Dinner together in Berlin - Place: t.b.a.

SUNDAY, NOVEMBER 20, 2022

08:00 - 09:30 am

K Cerebral Venous System and Surgical Implications

Lecture and Anatomical Demonstration
F. Ebner, Peter A. Winkler

09:30 - 11:00 am

L Parietooccipital Region and Atrium Ventriculi

Pau Capilla-Guasch, Peter A. Winkler

11:00 - 11:30 am Break

11:30 - 1:00 pm

M Supra- and infratentorial Exploration of the Pineal Region

Lecture and Hands-on with Participant Dissection
Pau Capilla-Guasch, Peter A. Winkler

01:00 - 01:30 pm

N Recalcitrant Wound healing Problems and Exophytic Brain Tumours - A Reconstruction Algorithm

Lecture and Anatomical Demonstration
Kartik G. Krishnan

01:30 - 02:00 pm

End, Course Evaluation, Certificates and Farewell