it’s good to know, it’s BeST to simulate

SCIENTIFIC DIRECTOR
Prof. Dr. Peter A. Winkler

LOCAL HOST
Prof. Dr. Peter Vajkoczy

HONOURED 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 Weiβ (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)
Philippstraße 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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REGISTRATION
E-Mail: best-cat@charite.de
Internet: best.charite.de
Maximum number of participants: 30
Fee: 950 € per participant
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 micro-neurosurgical 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 Opening
Prof. Dr. Peter Vajkoczy, Chairman
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 Silvian Fissure and Basal Cisterns
Lecture and Hands-on
Peter Vajkoczy, Peter A. Winkler

08:00 - 09:00 am
F Skull Base and Related Structures
Lecture and Anatomical 3D-Demonstration
Peter A. Winkler

09:00 - 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
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

SUNDAY, NOVEMBER 20, 2022

08:00 - 09:30 am
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.