

Registration

Limited to the first 100 registered participants, Registration fee (non-refundable) is 250€/participant. Accepted abstract authors will be awarded with 100 euro discount for the registration fee. As part of the program, you are invited to a get-together dinner offering a selection of Scandinavian specialties on Saturday. A lunch will be served on Sunday. Coffee and refreshments are also included in the registration fee.

To register, please e-mail your confirmation to:

nbssymposium@gmail.com,

including your name, institution, address, email and phone number

Accommodation:

Participants are kindly requested to organize their own accommodation. Rooms are reserved at special prices at the following hotel until 27.09.2016 (as long as rooms available):

•Hotel Pestana Berlin Tiergarten, Stülerstraße 6, 10787, Berlin, single room 129 euro, double room 139 euro (both including breakfast).

<http://www.pestana.com/en/pestana-berlin-tiergarten-hotel/pages/home.aspx>.

Venue

The Nordic Embassies, Felleshus
Rauchstrasse 1
D-10787 Berlin



Nexstim

Supported by Nexstim Plc.

Navigated Brain Stimulation

in

Neurosurgery & Neuromodulation

8th

International
Symposium

15–16th October, 2016

Berlin, Germany

Second Announcement



Dear colleagues,

It is our pleasure to invite you to Berlin for the 8th International Symposium on Navigated Brain Stimulation in Neurosurgery and Neuromodulation. During the last year more scientific evidence was published showing that improved surgical planning by pre-surgical navigated TMS mapping offers a clinical benefit to some of our most challenging patients. nTMS mapping does not merely add “more” data, it allows for preoperative risk-benefit balancing based on objective data and improves patient counseling and compliance. Using nTMS data to standardize DTI tractography has vastly improved the clinical value of this technique and supports not only orientation during subcortical tumor resection but also interpretation of intraoperative neurophysiological phenomena. Several papers on nTMS language mapping have further improved our understanding of nTMS language mapping and have addressed the clinical value of this intriguing technique.

In this upcoming symposium we will cover the value of nTMS motor and language mapping in combination with DTI in pediatric and adult neurosurgery, offer an update on the exciting developments in therapy-related applications of nTMS in rehabilitation of motor deficits after stroke or surgery as well as tinnitus and pain control and discuss the role of nTMS in quantifying brain plasticity.

The Symposium is supported by Nexstim Plc.

Welcome to Berlin!

Prof. Dr. Peter Vajkoczy
Director Neurosurgical Department

PD Dr. Thomas Picht
Local organizer

Faculty:

Thomas Picht, Charité/Berlin
Anna Roethe, HU/Berlin
Peter Vajkoczy, Charité/Berlin

Sandro Krieg, TU Munich
Bernhard Meyer, TU Munich

Call for Abstracts

Based on the feedback after last year's symposium, instead of posters all abstracts will be evaluated for short presentations in the respective main sessions. All abstracts ranging from single case experiences and preliminary results from ongoing research to conceptual studies and reviews are welcomed. The auditorium will select the best presentations, which will be awarded with vouchers of 500 euro for the winner, and 300 and 100 euro each for the runner-ups. Please submit your abstract by 25.09.2016 to nbssymposium@gmail.com. Accepted abstract authors will be awarded with 100 euro discount for the registration fee.

Hands-on demonstrations of the NBS System with the experts

Demonstrations organized by Nexstim (you are welcomed to bring your own MR-image in DICOM on CD/DVD. Requirements: T1, 3D-MP-Rage, sagittal 1 mm slice thickness, 0 mm slice gap, nose (tip not cropped), forehead, eyes, ears. Angulation < ±10 degrees, if +ve or -ve values are used, do not alter during scan).

Saturday, October 15 (The Nordic Embassies, Fellehus)

11.30-12.00 Registration
12.00-12.10 Opening of the Symposium (Picht)

Motor Mapping

12.10-12.30 Update (Picht)
12.30-13.30 Short presentations & discussions

13.30-14.15 *Coffee Break*

14.15 – 15.15 Motor mapping live Session & Discussion

Mapping children

15.15-15.30 Update
15.30-16.10 Short presentations & discussions

16.10-17.00 *Coffee Break*

Therapy

17.00-17.30 Key note lecture (Ziemann)
- Brain-state dependent and closed-loop stimulation
- Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS) in Depression, Pain, Stroke
17.30-18.30 Short presentations & discussions

18.30 *Get-together Dinner*

Sunday, October 16 (The Nordic Embassies, Fellehus)

Language Mapping

09.00-09.20 Update (Krieg)
09.20-10.30 Short presentations & discussions

10.30 – 11.30 Language mapping live Session & Discussion

11.30-12.30 *Lunch*

Image guided surgery

12.30-12.50 Introduction (Roethe)
12.50-14.00 Short presentations & discussions

14.00-14.45 *Coffee Break*

Report workshop consensus (protocol hand-outs for participants)

14.45-15.15

Best abstract award & Closing of Symposium

15.15-15.30

For more information on the Symposium, please contact: PD Dr. med. Thomas Picht Charité-Universitätsmedizin Berlin, Neurochirurgische Klinik, Campus Virchow Klinikum Augustenburger Platz 1, D-13353 Berlin, E-mail: thomas.picht@charite.de