

Final Programme – ELGGN Meeting Graz 2016

Friday, June 3, 2016 (Karl Franzens University of Graz) – Morning Session

- 08:00 - 08:30** **Registration**
- 08:30 - 08:45** **Welcome**
- 08:45 - 10:00** **[Thematic Session I – Surgery and Intra-Operative Monitoring](#)**
- 08:45 - 09:15 ***Invited lecture - L. Bello, Milano (I)***
Recent advances in intraoperative neurophysiological mapping of the motor system
- 09:15 - 09:30 Intra-operative re-planning during glioma-resection - H. Colle
- 09:30 - 09:45 Assessing motor cognition in the operative room: feasibility and clinical impact of a new tool - M. Rossi
- 09:45 - 10:00 Low grade tumours of the amygdala - H. Stefanits
- 10:00 - 10:30** **Coffee Break**
- 10:30 - 13:00** **[Thematic Session II – Imaging and Transcranial Magnetic Stimulation \(TMS\)](#)**
- 10:30 - 11:00 ***Invited lecture - M. Sommer, Göttingen (D)***
Principles of transcranial magnetic stimulation and applications in language and speech
- 11:00 - 11:15 Cortical plasticity of motor-eloquent areas measured by navigated transcranial magnetic stimulation in glioma patients - S. M. Krieg
- 11:15 - 11:30 Reorganization of cortical motor areas after tumour resection: a longitudinal nTMS study - M.-T. Forster
- 11:30 - 11:45 Hemispheric language dominance measured by rTMS and postoperative course of language function in brain tumour patients - S. Ille
- 11:45 - 12:00 Resection of highly language-eloquent brain lesions purely based on rTMS language mapping without awake surgery - S. Ille
- 12:00 - 12:15 Preoperative mapping of calculation function by rTMS in patients with parietal brain tumours and correlation with postoperative outcome - S. Ille
- 12:15 - 12:30 Changes in brain activity in preparation of a cognitive challenge - M. de Dreu
- 12:30 - 12:45 The use of magnetoencephalography (MEG) imaging in the context of awake brain surgery - E. De Witte
- 12:45 - 13:00 Real-time mapping of the fusiform face area: an extension of functional brain mapping protocols - C. Kapeller
- 13:00 - 14:00** **Lunch Break**

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Friday, June 3, 2016 (Karl Franzens University of Graz) – Afternoon Session

14:00 - 16:00 [Keynote Lectures](#)

14:00 - 15:00 **G. Schalk, Albany NY (USA)**
Real-time passive functional mapping of eloquent cortex

15:00 - 16:00 **N. Voets, Oxford (UK)**
Plasticity and functional brain imaging

16:00 - 16:30 **Coffee Break**

16:30 - 18:15 [Thematic Session III – Neuropsychological Assessments and Follow-Up](#)

16:30 - 17:00 **Invited lecture - E. Robert, Ghent (B)**
Specific neurolinguistic preparation, assessment and follow-up in awake paediatric neurosurgery

17:00 - 17:15 Correlation between pre-operative cognitive deficits and language white matter tract invasion in presumed low grade glioma patients - F. Incekara

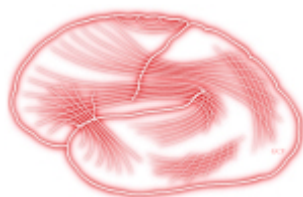
17:15 - 17:30 Abnormal slow-wave EEG activity in glioma patients is related to impaired language performance - N. Wolthuis

17:30 - 17:45 Supratotal resection in low grade gliomas (LGGs): feasibility and clinical impact - M. Rossi

17:45 - 18:00 Reading and writing in glioma patients: the necessity of detailed monitoring - F.C. Van Ierschoot

18:00 - 18:15 The short DuLIP protocol: preliminary results in (presumed) low-grade glioma patients before and 3 months after surgery - D. Satoer

19:00 **Social Event and Dinner**



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Saturday, June 4, 2016 (Karl Franzens University of Graz) – Morning Session

08:30 - 10:15 [Thematic Session IV – Neuropathology, Neurobiology and Genetics](#)

08:30 - 09:00 ***Invited lecture - M. Hegi, Lausanne (CH)***

Molecular markers in low grade glioma, relevance for tumour classification and choice of therapy

09:00 - 09:15 Molecular mechanisms in gliomagenesis - S. Krassnig

09:15 - 09:30 Glioma associated stem cells: a patient-based in vitro approach to identify novel LGG prognostic factors and suggest novel therapies - D. Cesselli

09:30 - 09:45 Low grade gliomas and the Austrian Brain Tumour Registry - A. Woehrer

09:45 - 10:15 ***Invited lecture - J. A. Hainfellner, Wien (A)***

The new 2016 World Health Organization Classification of low grade gliomas - J. A. Hainfellner

10:15 - 10:45 **Coffee Break**

10:45 - 12:30 [Round Table Discussions and Free Communications](#)

10:45 - 11:10 Current protocol for language mapping by navigated TMS in patients and healthy volunteers - nTMS Consensus Group

11:10 - 11:40 ELGGN surveys - E. Mandonnet

11:40 - 12:10 ELGGN fMRI study - M. Jansma

12:10 - 12:30 *braintumours.eu* : ELGGN's communication channel

12:30 - 13:00 [Evaluation, Next Meeting and Adjourn](#)

