10th Annual EANS Young Neurosurgeons’ Meeting

in collaboration with WFNS Young Neurosurgeons

27 - 28 March 2020
Zürich, Switzerland

Thursday, March 26th

18:00  Welcome Snack & Drinks
       Christian Freyschlag (YN chairman) & Martin Stienen (local host)

Friday, March 27th

09:00 – 10:40  Neuro-Oncology – Innovations in glioma management
               Moderators: Sandro Krieg, Munich (D)
09:00 – 09:20  Tumor Treating Fields for gliomas – cure in sight?
               Andreas Hottinger, Lausanne (CH)
09:20 – 09:40  Latest drug development and immunotherapy for gliomas
               Patrick Roth, Zurich (CH)
09:40 – 10:00  Beyond gross total resection: new surgical concepts make a difference
               Luca Regli, Zurich (CH)
10:00 – 10:20  Modern radio-oncological strategies for gliomas
               Nicolaus Andratschke, Zurich (CH)
10:20 – 10:40  Palliative care and end-of-life issues for glioma patients
               Marike Broekman, Leiden (NL)

10:40 – 11:15  Coffee Break

11:15 – 13:00  Debates in Neuro-Oncology – Technical aspects of glioma surgery
               Moderator: Nicolas Sampròn, San Sébastian (ES)
11:15 – 11:25  Intraoperative MR-imaging for glioma surgery – PRO
               Oliver Bozinov, Zurich (CH)
               Colin Watts, Birmingham/Cambridge (UK)
11:35 – 11:45  Awake surgery for language-eloquent gliomas – PRO
               Florian Ringel, Mainz (D)
11:45 – 11:55  Awake surgery for language-eloquent gliomas – CON
               Astrid Weyerbrock, St.Gallen (CH)
11:55 – 12:10  Tools in neuro-oncology, a pragmatic approach
               Asgeir Jakola, Gothenburg (SWE)
12:10 – 12:20  How to train the next generation of neuro-oncological surgeons?  
Mirjam Renovanz, Tübingen (D)

12:20 – 12:30  How to become a next generation neuro-oncological surgeon?  
Stephanie Anetsberger, Orlando (USA)

12:30 – 13:00  Active participation: Bring your own cases (all attendees are invited to bring own cases)  
Martin N. Stienen, Zurich (CH) & Andreas Demetriades, Edinburgh (UK)

13:00 – 14:00  Lunch break

14:00 – 15:40  Hot topic: Artificial intelligence and disruptive technologies (I)  
Moderator: Marisa Gandia, Madrid (ES)

14:00 – 14:20  Technological Innovation in Neurosurgery  
Miikka Korja, Helsinki (FIN)

14:20 – 14:40  Evolution of surgical robotics in neuro-spine  
Anand Veeravagu, Stanford University (USA)

14:40 – 15:00  What AI will add to navigation and robotics in spine surgery: research and future perspectives  
Bernhard Meyer, Munich (D)

15:00 – 15:20  Artificial intelligence in the Neuro-ICU  
Emanuela Keller, Zurich (CH)

15:20 – 15:40  Social Media, Crowdfunding and Networking in Neurosurgery  
Philippe Schucht, Berne (CH)

15:40 – 16:00  Coffee break

16:00 – 17:00  Hot topic: Artificial intelligence and disruptive technologies (II)  
Moderators: Angelos Kolias, Cambridge (UK)

16:00 – 16:15  Big data in clinical neuroscience (instructive – ABC of starting big data)  
Katja Bühler, Vienna (A)

16:15 – 16:30  Brain-Computer-Interface applications in neurosurgery  
Pieter Kubben, Maastricht (NL)

16:30 – 16:45  Applications of machine-learning in neurosurgery research  
Victor E. Staartjes, Zurich (CH)

16:45 – 17:00  Natural and artificial intelligence in neurosurgery  
Marike Broekman, The Hague-Leiden (NL)

17:00 – 17:45  Special Talk: Things that matter most – retrospect on a neurosurgeon’s career  
Henry Marsh, London (UK)

SOCIAL EVENING, accompanied by Henry Marsh  
@ Restaurant Öpfelchammer - https://www.oepfelchammer.ch  
Traditional Swiss Cuisine in the Old Town of Zurich  
Within walking distance from the lecture hall
Saturday, March 28th

09:00 – 10:55  Functional Neurosurgery: Epilepsy surgery in adults
               Moderator: Christian Freyschlag, Innsbruck (A)

09:00 – 09:10  Current European trends in epilepsy surgery
               Margitta Seeck, Geneva (CH)

09:10 – 09:25  Presurgical workup
               Thomas Grunwald, Zurich (CH)

09:25 – 09:40  Stereo-EEG: When, How, Why?
               Francesco Cardinale, Milan (I)

09:40 – 09:55  PRO: SAHE for temporal lobe epilepsy
               Niklaus Krayenbühl, Zurich (CH)

09:55 – 10:10  PRO: Lobectomy for temporal lobe epilepsy
               Paolo Ferroli, Milan (I)

10:10 – 10:25  Laser interstitial thermotherapy (LiTT) in epilepsy surgery
               Friedhelm Carl Schmitt, Magdeburg (D)

10:25 – 10:40  Hippocampal and vagal stimulation
               Dirk Van Roost, Gent (BE)

10:40 – 10:55  DBS for drug-resistant epilepsy
               Linda Ackermans, Maastricht (NL)

10:55 – 11:20  Coffee break

11:20 – 12:30  Functional Neurosurgery: Epilepsy surgery in pediatrics
               Moderator: Markus A. Czabanka, Berlin (D)

11:20 – 11:35  Mapping human brain networks with cortico-cortical evoked potentials
               Kai J. Miller, Mayo Clinic Rochester (USA)

11:35 – 11:50  Surgical options for pediatric patients – what, when, why?
               Raphael Guzman, Basel (CH)

11:50 – 12:05  Functional hemispherectomy for intractable seizures
               Marec von Lehe, Neuruppin (D)

12:05 – 12:30  Active participation: Bring your own cases (all attendees are invited to bring own cases)
               Viola Olesen, Copenhagen (DK) & Michael Schwake, Münster (D)

12:30 – 13:45  Lunch break

13:45 – 14:40  Functional Neurosurgery: Beyond today's boundaries
               Moderator: Jiri Bartek, Stockholm (SWE)

13:45 – 14:05  Innovations on the horizon – what is new in functional neurosurgery?
               Kostas Fountas, Thessaly (GR)

14:05 – 14:25  New indications for DBS
               Veerle Visser-Vandewalle, Cologne (D)

14:25 – 14:40  Pitfalls in the training of today's functional neurosurgeons
               Niels A. van der Gaag, The Hague-Leiden (NL)
14:40 – 15:00  EANS Young Neurosurgeon’s crystal ball
Moderator: Wouter Moojen, The Hague-Leiden (NL)
14:40 – 15:00  Looking into the future of... Neurosurgery in 2050
Nicolas Sampron, San Sebastian (ES)
15:00 – 15:30  EANS funded observership experiences (3 min & 2 min discussion for each)
- Martin Majovsky (Czech Republic) – France
- Dimitrios Isaakidis (Greece) – Denmark
- Sahin Hanlioglu (Turkey) – France
- Sajjad Muhammad (Germany) – Finland
- Andrey Bykanov (Russia) – France
15:30  Farewell and end of official meeting