**The Zurich School. Hands-on Course on Microneurosurgery and White Matter Anatomy relevant for brain tumors, epilepsy and AVM**

**June 6th**

07:45 Welcome and reception Regli / Krayenbühl/Serra

08:00 History and principles of Microneurosurgery of the brain Krayenbühl

08:30 Fiber dissection technique: Anatomy of the neocortex Serra

and dissection of the lateral aspect of the brain

09:00 Brain Anatomy and Pathoclisis Akeret

09:30 Coffee Break

09:45 Hands-on dissection of the lateral aspect of the brain All Faculty

12:30 – 13:15 Lunch break

13:15 Microneurosurgery of neocortical tumors Serra

13:45 Microneurosurgery of convexity AVM Regli

14:15 Microneurosurgery of Insular Tumors Baskaya

14:45 Coffee Break

15:00 – 17:00: hands-on lateral aspect of the brain All Faculty

Faculty Dinner

**June 7th**

08:00 Microneurosurgery in Epilepsy Surgery Schaller

08:30 Fibers dissection technique: Topographic anatomy of the medial aspect of the brain Serra

08:45 Microneurosurgery of the mediobasal temporal lobe Krayenbühl

09:15 Coffee Break

09:30 Hands-on dissection of the medial aspect of the brain🡪 Faculty

12:30 Lunch seminar. Zeiss Sponsored Lecture: Endoscopic QEVO assisted Microneurosurgery Serra

13:15 Anatomy of the limbic and paralimbic system Kadri

14:00 Microneurosurgery of thalamic tumors Türe

14:30 Microneurosurgery of deep central AVM Regli

15:00 Coffee Break

15:15 - 17:00: hands-on medial aspect of the brain All Faculty

Social Dinner

**June 8th**

08:00 – 08:45: Microneurosurgery of brainstem tumors Türe

08:45 – 09:15: Microneurosurgery of Cerebellar and Brainstem Cavernoma Regli

09:15: Anatomy and Dissection of the Brainstem Serra

09:30 Coffee Break

09:45 - 12:30: Hands on dissection of cerebellum and brainstem All Faculty

12:30 Lunch seminar. Siemens sponsored Lecture: “Intraoperative MRI in Microneurosurgery” Serra

***Technology, microneurosurgery and future perspectives***

13:30 – 14:00 Foundation of DTI Forkel

14:00 – 14:30 White matter tracts and putative functional role Forkel

15:00 – 16:30 Hands-on DTI Forkel

16:30 – 17:00 Future Perspective of Microneurosurgery: AENEAS Serra