## 

# Monday, January 20th

**Introduction - indications, etiopathogenesis**

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| 15.00-15.15  15.15-15.45  15.45-16.15  16.15-16.45  16.45-17.15 17.15-18.15 | Introduction to the courseGeneral principles of epilepsy surgery and presurgical evaluationSurgically amenable epilepsies in adultsCoffee break Surgically amenable epilepsies in children Neuropathological and molecular-genetic substrates of focal epilepsy | *I. Rektor*, *Ç. Özkara,*  *B. Rydenhag*  *Ç. Özkara*  *C. Baumgartner*  H.Cross  A. Muhlebner *H. Cross* |  |

# Tuesday, January 21st

## Non İnvasive Presurgical Evaluation

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| 08.00-08.30    08.30- 09.30  9.30-10.30  10.00-10.15  10.15-11.00  11.00-11.30  11.30-12.00  12.30-13.00 | The concept and ways to define the epileptogenic zone  Principles of evaluation of seizure semiology :  In Adults  In Children  Principles of evaluation Scalp video-EEG monitoring  *Coffee*  Cognitive evaluation adults/children  Structural imaging  Functional imaging  Psychiatric evaluation | P kahane  P. Kahane  H.Cross  P. Kršek  S. Baxendale /C. Bulteau  P. Marusič  M. Brázdil  Ç.Özkara |

# Wednesday, January 22nd

**Epilepsies According To The Lobes**

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| 08.30-09.00  09.00-09.45  09.45-10.15  10.15-10.45  10.45-11.15  11.15-12.15  12.15-13.00 | Temporal lobe epilepsy  Insula and temporal lobe epilepsy plus  Frontal lobe epilepsies    Coffee  Posterior cortex epilepsies  Specific pediatric epilepsies  Lowgrade epilepsy associated tumors – classification and molecular advances | C. Baumgartner  P. Kahane    I. Rektor  M. Brázdil  P. Kršek/ G. Ramantani  A. Muhlebner |

# Thursday, January 23rd

**Epilepsy Surgery Invasive Investigations And Surgery**

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| 08.30-09.00  9.00-9.30  9.30-10.00  10.00-12.30  10-10.30  10.30-11.00  11.00-11.30  11.30-12.00  12.00-12.30 | Indications for intracranial EEG  SEEG vs Subdural electrodes  When to stop presurgical evaluation  **The surgical menu**  Overview of the epilepsy surgery  approaches and principles  Coffee  Dissconective procedures, HE and  Callosotomy  Minimal invasive and newer  Techniques. Thermocoagulation,  LITT, possibly something about MRgFUS (?)  Complications in epilepsy Surgery and invasive evaluations | Ivan Rektor  Bertil / A. Ckuiert  Daniel Fabo  B. Rydenhag */* A. Ckuiert |

# Friday, January 24th

**Nonresective Surgery Indications And Outcomes Of Epilepsy Surgery**

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| 08.30-09.30  08.30-9.00  09.00-9.30  9.30-10.15  **10.15- 10.30**  **10.30-11.30**  **11.30-12.00** | Indications for nonresective surgery  Stimulations and outcome  Failures and when to reoperate  Cognitive outcomes adults/children  coffee  Seizure and Social Outcome and ASD withdrawal in adults in children    How to start a surgical programme | Christina Cukiert  A. Cukiert    *Daniel Fabo*  *S. Baxendale* ***/C. Bulteau***  *C. Cukiert /G. Ramantani*  *All tutors and students* |

**Faculty**

Sándor Beniczky, Milan Brázdil, Cristine Bulteau, A. Muhlebner, Georgia Ramantani , Helen Cross, Arthur Cukiert, Cristine Cukiert, Philippe Kahane, Pavel Kršek, Petr Marusič, Çiğdem Özkara, , Ivan Rektor, Bertil Rydenhag , Daniel Fabó