### Preliminary draft scientific program
*Subject to change without any further notice. Status June 2020*

#### November 20, 2020
10.00 am – 7.00 pm  
including breaks and satellite symposiums

- **Innovations in DBS**
  - Directional DBS
  - Adaptive DBS
  - Image guided DBS programming

- **Keynote**
  - DBS for Alzheimer Disease

- **Controversies**
  - Awake vs asleep
  - How much preop imaging is needed? (less / more)
  - Directional vs conventional DBS

- **Oral presentations of abstracts/digital posters**

#### November 21, 2020
8.30 am – 6.00 pm  
including breaks and satellite symposiums

- **DBS mechanism**
  - Monkeys
  - ECoGs
  - MER dys

- **Keynote**
  - DBS and ethics in a historical perspective

- **Neuromodulation for gait disturbances**
  - Networks in gait disturbances
  - DBS for freezing
  - SCS for gait

- **Lesional strategies revisited**
  - PD/Tremor – FUS vs DBS
  - Pain – FUS vs DBS
  - Lesioning for dystonia

- **Emerging indications**
  - DBS for depression
  - DBS for epilepsy
  - DBS for HD

- **Keynote**
  - The need for registries