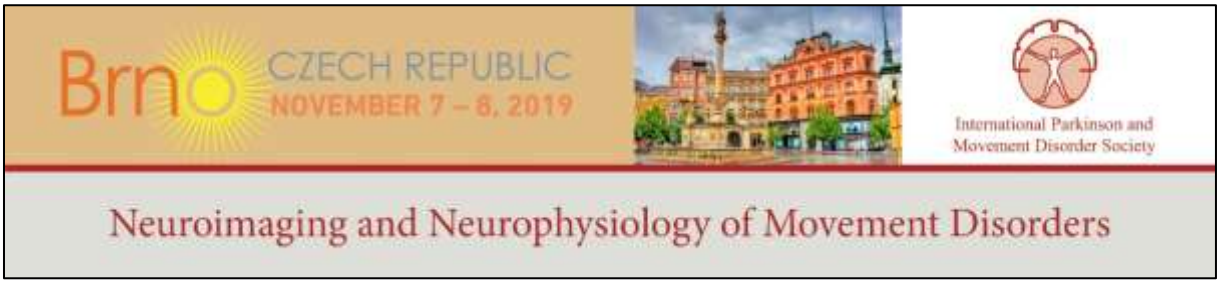

Day 1 – Neuroimaging of Movement Disorders ***Thursday, November 7, 2019***	
Session 1: Prodromal Parkinson's Disease	
08:50 – 09:00	**Welcome from Course Director** *Irena Rektorova*
09:00 – 09:30	**Concept of prodromal Parkinson's disease** *Daniela Berg*
09:30 – 10:00	**Dopaminergic imaging for diagnosis of prodromal Parkinson's disease and dementia with Lewy bodies** – *Zuzana Walker*
10:00 – 10:30	**Transcranial sonography for diagnosis of prodromal Parkinson's disease** - *Daniela Berg*
10:30 – 11:00	**Iron sensitive and neuromelanin sensitive MRI sequences for diagnosis of prodromal Parkinson's disease** - *Alessandro Tessitore*
11:00 – 11:30	**Coffee Break**
Session 2: Interactive Workshop I : Clinical Imaging and EEG for Differential Diagnosis of Degenerative Dementia with Parkinsonism	
11:30 – 12:00	**EEG for differential diagnosis of dementia syndromes (introduction to workshop)** - *Laura Bonanni*
12:00 – 13:00	**Imaging and EEG for degenerative dementia with parkinsonism: case reports (dementia with Lewy bodies vs. Alzheimer's disease, frontotemporal dementia, prion diseases, etc.)** *Irena Rektorova, Zuzana Walker, Laura Bonanni (20 min each)*
13:00 – 14:00	**Lunch**
Session 3: Underlying mechanisms of motor and non-motor symptoms of parkinsonism	
14:00 – 14:30	**Resting state functional MRI** *Alessandro Tessitore*
14:30 – 15:00	**Structural MRI** *Angelo Antonini*
15:00 – 15:30	**Metabolic PET, dopaminergic PET** *Antonio Strafella*
15:30 – 16:00	**Novel tau PET ligands for diagnosis of PSP and other tauopathies** *Antonio Strafella*
16:00 – 16:30	**Coffee Break**
Session 4: Interactive Workshop with video cases II : Clinical Imaging for Differential Diagnosis of Hyperkinetic Movement Disorders and Parkinsonism: Video cases	
16:30 – 17:30	**Imaging hyperkinetic movement disorders (PKAN, Wilson's disease, Huntington's disease, FXTAS, hemichorea, etc.)** *Marek Baláž, Angelo Antonini, Tereza Serranova (20 min each)*
17:30 – 18:30	**Imaging parkinsonism (Parkinson's disease, Parkinson plus syndromes, vascular parkinsonism, normal pressure hydrocephalus, etc.)** *Ivan Rektor, Elena Moro, Evžen Růžička (20 min each)*
	Participant Dinner

Day 2 – Neurophysiology of Movement Disorders ***Friday, November 8, 2019***	
09:00 – 09:30	**Deep brain stimulation for dystonia and gait disorders** *Elena Moro*
09:30 – 10:00	**Electrophysiological aspects of deep brain stimulation for Parkinson's disease** *Marek Baláž*
10:00 – 10:30	**Electrophysiology of parkinsonism** *Angelo Quartarone*
10:30 – 11:00	**Coffee Break**
11:00 – 11:30	**Electrophysiology for evaluation of myoclonus** *Ivan Rektor*
11:30 – 12:00	**Neurophysiology of functional movement disorders** *Tereza Serranova*
12:00 – 13:00	**Lunch**
13:00 – 13:30	**Electrophysiological and kinematic analysis of tremor** *Evžen Růžička*
13:30 – 14:00	**Electrophysiology of dystonia** *Martin Bareš*
14:00 – 14:30	**NIBS (non-invasive brain stimulation) for modulating dystonia and hyperkinetic movement disorders -** *Angelo Quartarone*
14:30 – 15:00	**NIBS for modulating motor and non-motor symptoms of Parkinson's disease** *Irena Rektorova*
15:00	**End of the course**