Session I
Chair: Stefan Bittner, Neuroimmunology, Mainz
13:00 – 14:00 Guest speaker
Luisa Klotz
Clinic for Neurology, University Medical Center Münster
Novel insights into the mechanism of action of modern immunotherapeutics for treatment of Multiple Sclerosis
14:00– 14:05 Break
14:05– 14:35
Michael Plichta
Clinic for Psychiatry, Psychosomatics and Psychotherapy, University Medical Center Frankfurt
Reward processing in ADHD
14:35 – 15:05
Wolfgang Kelsch
Clinic for Psychiatry and Psychotherapy, University Medical Center Mainz
Neuronal and systems dynamics of reward memories
15:05 – 15:15 Break

Session II
Chair: Susann Schweiger, Inst. f. Human Genetics, Mainz
15:15 – 15:45
Daniela Sammler
MPI for Empirical Aesthetics, Frankfurt
Neurocognition of music and language
15:45 – 16:15
Nori Jacoby
MPI for Empirical Aesthetics, Frankfurt
Massive online serial reproduction experiments: A new tool for exploring mental representations
16:15 – 16:30 Break

Session III
Chair: Amparo Acker-Palmer, Cell Biology and Neuroscience, Frankfurt
13:00 – 14:00 Guest Speaker
Carmen Ruiz de Almodóvar
Biochemistry Center, University of Heidelberg
Vascular control of oligodendrocyte precursor cell specification
14:00 – 14:15 Break

Session IV
Chair: Ralf Galuske, Systems Neurophysiology, Darmstadt
14:15 – 15:15 Guest Speaker
Alexander Thiele
School of Psychology, University of Newcastle
Coordination of neural interactions by attention: principles and neuropharmacological mechanisms
15:15 – 15:30 Break
15:30 – 16:00
Martha Havenith/Marieke Schölvinck
Ernst Strüngmann Institute for Neuroscience, Frankfurt
The Zero-Noise Brain: Characterising neurobehavioural dynamics across species
16:00 – 16:30
Lucia Melloni
MPI for Empirical Aesthetics, Frankfurt
Learning hierarchical sequence representations across human cortex and hippocampus
16:30 – 17:00
Hiroshi Ito
MPI for Brain Research, Frankfurt
Representations of navigational goals in the prefrontal cortex