

Saturday, July 11		Sunday, July 12		Monday, July 13		Tuesday, July 14		Wednesday, July 15	
Mini-Conferences 08:30 - 15:15		<p>Mini-Conferences</p> <p>MC01 Behavioural neuroscience for the next decade: Why behaviour matters to brain science</p> <p>MS02 Molecular mechanisms of cognitive impairments and intellectual disability</p> <p>MC03 Multiscale, multimethod human brain imaging</p> <p>MC04 Neuroeconomics</p> <p>MC05 Neuroscience applied and translational research</p> <p>MC06 Mini-Conference organised by the European Sleep Research Society (ESRS)</p> <p>MC07 Mini-Conference organised by Cajal Club</p> <p>MC08 Mini-Conference organised by Nicotine and the Developing Brain (SRNT)</p>	<p>Plenary Lecture 08:30 - 09:30 PL02 Local protein synthesis in neurons. Erin Schuman (DE)</p> <p>Poster Sessions 09:30 - 13:00 Parallel Symposia 09:45 - 11:15</p> <p>S01 Chromatin regulation of transcriptional identity during neuronal development.</p> <p>S02 From brain connectome to molecular synaptome: diversity of synapse formation and maintenance.</p> <p>S03 Synthetic vision: new strategies for rescuing visual perception in degenerative blindness. Modulating and visualizing memory engrams in the rodent and human brain.</p> <p>S04 The versatile tanycyte: a hypothalamic integrator of neuroendocrine functions and energy homeostasis.</p> <p>S05 Interaction between the nervous system and the immune system in the CNS.</p> <p>S06 Functional logic of neuromodulatory circuits in shaping behavior: bridging physiology and disease.</p> <p>S07 Beyond Hebb: multi-scale computations in synaptic plasticity.</p>	<p>Plenary Lecture PL04 How development scaffolds adult hippocampal dynamics. Rosa Cossart (FR)</p> <p>Parallel Symposia</p> <p>S17 The regulation of proteome state in neuronal development.</p> <p>S18 Metabolic and epigenetic rewiring of neuroimmune interactions.</p> <p>S19 Teaching signals for circuit plasticity and associative learning.</p> <p>S20 From synapse to nucleus and back: activity-driven gene expression in plasticity and brain disorders.</p> <p>S21 Conserved functions of serotonergic circuits in diverse animals.</p> <p>S22 Sleep, stress and obesity: untangling the link. Oxytocin and social behavior from animal models to clinical applications: progress and challenges.</p> <p>S23 How the brain holds its horses: different models of inhibitory control implementation.</p>	<p>Plenary Lecture PL06 Discovering, reinforcing and refining actions. Rui Costa (US)</p> <p>Parallel Symposia</p> <p>S33 Molecular mechanisms controlling the size of the cerebral cortex.</p> <p>S34 The multisensory rodent.</p> <p>S35 Neuromodulatory mechanisms of behavioral control.</p> <p>S36 Single neuron firing underlying cognitive processing in humans.</p> <p>S37 RNA-protein interplay and stress granules: key hotspots for the biology and disease of the brain.</p> <p>S38 Neural variability: origin and function.</p> <p>S39 The dentate gyrus: mechanisms of memory traces.</p> <p>S40 Spontaneous activity in sensory systems development and plasticity.</p>	<p>The Tianqiao and Chrissy Chen Institute Lecture Sleep's role in memory consolidation. Jan Born (DE)</p> <p>Parallel Symposia</p> <p>S49 Insights into brain architecture and behaviour from complete connectomes.</p> <p>S50 Local translational control in neural circuit development, synaptic plasticity and memory. The time for serotonin has come: modulation of GABA in development, plasticity, cognition and disease.</p> <p>S51 Flexible navigation and the insect central complex: insights from a multifaceted brain region.</p> <p>S52 Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions.</p> <p>S53 Brain-body interactions: crosstalk between the brain and other organs in physiology and disease.</p> <p>S54 Parvalbumin cells in neuropsychiatric disorders: genetics, metabolism and extracellular environment.</p> <p>S55 Gene-environment interactions modulating brain ageing, neurodegeneration and dementia.</p>			
Technical Workshops 11:00 - 14:00	<p>Technical Workshops</p> <p>W01 Optogenetics: from new tools to applications</p> <p>W02 Measuring the activity of individual neurons at a brain-wide scale</p> <p>W03 Glial interfaces: technology & methods to uncover the 4D glial role in brain function & dysfunction</p> <p>W04 Technology for achieving Drosophila whole brain connectomics</p>	<p>11:30 - 13:00</p> <p>Poster Authors in Attendance</p>	<p>Poster Authors in Attendance</p>	<p>Poster Authors in Attendance</p>	<p>Poster Authors in Attendance</p>				
Special Lecture 14:15 - 15:15	<p>EJN Special Feature</p> <p>SL01 Mammalian sleep, varying in space and time. Anita Luthi (CH) At a glance at a face: early visual processing in young and older adults. Guillaume Rousset (UK)</p>	<p>Special Lectures 13:30 - 14:15</p> <p>SL02 The Brain Prize Lecture 2019 (13:30 - 15:00) CADASIL before CADASIL. Marie-Germaine Boussier (FR) CADASIL: a clinical model of ischemic small vessel disease. Hugues Chabriot (FR) Pathogenesis of small vessel diseases of the Brain: new insights from genetic models. Anne Joutel (FR) Inherited cerebral small vessel disease genomics. Elisabeth Tournier-Lasserre (FR) IBRO - Kemali Prize Lecture From pecking order to Ketamine – Neural mechanisms of social and emotional behaviors. Hailan Hu (CN)</p> <p>SL03</p>	<p>Special Lectures</p> <p>SL04 EBBS / Behavioural Brain Research Prize Prefrontal circuits related to anhedonia and anxiety. Angela Roberts (UK)</p> <p>SL05 EDAB / Max Cowan Special Lecture Synapses lost and found: developmental critical periods and Alzheimer's Disease. Carla Shatz (USA)</p> <p>SL06 Boehringer-Ingelheim / FENS Research Award Epigenetic mechanisms in memory formation. Johannes Gräff (CH)</p>	<p>Special Lectures</p> <p>SL07 Eric Kandel Prize Lecture Glia make zebrafish 'give up' on futile behavior. Misha Ahrens (USA)</p> <p>SL08 Host Society Special Lecture Neuron-Glia interactions in synapse degeneration in Alzheimer's Disease. Tara Spire-Jones (UK)</p> <p>SL09 ERA-Net NEURON / Excellent Papers in Neuroscience Award Lecture (TBA)</p>	<p>Special Lectures</p> <p>SL10 FENS-EJN Awards Lectures (11:45 - 12:45) The synaptome: an epic journey in time and space. Seth Grant (UK) Prefrontal circuits for decision making. Laurence Hunt (UK)</p> <p>SL11 EDAB - Lecture on Neuroethics (12:00 - 12:45) Non-human primate models for neurobiology and biomedicine. Mu-Ming Poo (CN)</p>				
Special Interest Event 15:30 - 17:00	<p>The Brain Debate</p> <p>Speakers and discussants: Angela Roberts (UK) Christian Lüscher (CH) Emre Yaksi (NO) Gilles Laurent (DE) Guo-li Ming (USA) Steve Hyman (USA) Tracy Bale (USA) Trevor Robbins (UK)</p>	<p>Parallel Symposia 15:45 - 17:15</p> <p>S09 Inhibitory circuits for learning and brain plasticity in animals and humans.</p> <p>S10 Role and regulation of axonal actin-myosin II machinery.</p> <p>S11 The transience of memory: mechanisms underlying memory destabilisation and updating.</p> <p>S12 Sex differences and estrogen effects: implications for neuropsychiatric disorders.</p> <p>S13 Epigenetics in neurodevelopmental disorders: role of chromatin remodelling and DNA methylation.</p> <p>S14 Mitochondria as sensors and regulators of astroglial and neuronal functions.</p> <p>S15 Grid cell metrics and beyond: from network interactions to non-periodic firing.</p> <p>S16 50 years of barrel cortex: linking structure and function.</p>	<p>Parallel Symposia</p> <p>S25 GABA-B receptors as therapeutic targets: travelling from synapse to behaviour to... Ithaca.</p> <p>S26 Genetic, developmental and circuit basis of sexually dimorphic behaviour.</p> <p>S27 Neuron-glia metabolic coupling.</p> <p>S28 Cortical plasticity across senses.</p> <p>S29 HCN pacemaker channels dysfunction linked to neurological pathologies.</p> <p>S30 The flexible use of multisensory information for behavior: models, neurons and neuroimaging.</p> <p>S31 Neural mechanisms underlying social interactions in human and non-human primates.</p> <p>S32 The eternal sunshine of the spotless mind: recent advances to reduce fear and addictive</p>	<p>Parallel Symposia</p> <p>S41 Small, yet important: how hippocampal CA2 shapes our memory.</p> <p>S42 Astroglial networks in regulating sensory function and plasticity.</p> <p>S43 Neural circuit mechanism of somatosensation.</p> <p>S44 Neuronal circuit dissection in the central auditory system.</p> <p>S45 Dopaminergic and serotonergic basis of motivation across species, methods, health, and disease.</p> <p>S46 Subventricular zone neurogenesis: novel mechanisms and migration patterns.</p> <p>S47 From synaptic dysfunction to treatment strategies in neurodevelopmental disorders.</p> <p>S48 Genetic tools in rodents and primates: new frontiers.</p>					
Opening Ceremony 17:15 - 18:00	<p>Opening Ceremony</p>	<p>Plenary Lecture 17:30 - 18:30 PL03 The amygdala and memory: recalling the past, imaging the future. Sheena Josselyn (CA)</p>	<p>Plenary Lecture PL05 Neural mechanisms of environmental risk for psychiatric disorders. Andreas Meyer-Lindenberg (DE)</p>	<p>The ERA-NET NEURON Lecture Early cortical wiring and neuroimmune interactions. Sonia Garel (FR)</p>					
Plenary Lecture 18:00 - 19:00	<p>Fred Kavli Opening Lecture</p> <p>PL01 Differential resilience to perturbation of circuits with similar performance. Eve Marder (USA)</p>	<p>Special Interest Events 18:45</p> <p>SIE04 SIE05 SIE06</p>	<p>Special Interest Events</p> <p>SIE09 SIE10</p>	<p>Special Interest Events</p> <p>SIE13 SIE14</p>					
Networking Events 19:15	<p>Networking Events</p> <p>SE01 SE02</p>	<p>Networking Events 18:45</p> <p>SE03 SE04 SE05</p>	<p>Networking Events</p> <p>SE06 SE07</p>	<p>Networking Events</p> <p>SE08</p>					
					<p>The Hertie Foundation Closing Lecture (13:00 - 14:00) PL09 New approaches to studying intact brain structure and function. Karl Deisseroth (USA)</p>				