

Saturday, July 11		Sunday, July 12		Monday, July 13		Tuesday, July 14		Wednesday, July 15	
Mini-Conferences 08:30 - 15:15	<p>MC01 Mini-Conferences: Behavioural neuroscience for the next decade: Why behaviour matters to brain science.</p> <p>MC02 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 Sleep across the lifespan.</p> <p>MC07 Mini-Conference organised by Cajal Club.</p> <p>MC08 Nicotine and the Developing Brain (SRNT).</p>	<p>Plenary Lecture 08:30 - 09:30</p> <p>PL02 Plenary Lecture: Local protein synthesis in neurons. Erin Schuman (DE)</p> <p>Poster Sessions 09:30 - 13:00</p> <p>Parallel Symposia 09:45 - 11:15</p> <p>S01 The 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.</p> <p>S04 Modulating and visualizing memory engrams in the rodent and human brain.</p> <p>S05 The versatile tanyocyte: a hypothalamic integrator of neuroendocrine functions and energy homeostasis.</p> <p>S06 Interaction between the nervous system and the immune system in the CNS.</p> <p>S07 Functional logic of neuromodulatory circuits in shaping behavior: bridging physiology and disease.</p> <p>S08 Beyond Hebb: multi-scale computations in synaptic plasticity.</p>	<p>Plenary Lecture 08:30 - 09:30</p> <p>PL04 Plenary Lecture: How development scaffolds adult hippocampal dynamics. Rosa Coatsart (FR)</p> <p>Parallel Symposia 09:45 - 11:15</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.</p> <p>S23 Oxytocin and social behavior from animal models to clinical applications: progress and challenges.</p> <p>S24 How the brain holds its horses: different models of inhibitory control implementation.</p>	<p>Plenary Lecture 08:30 - 09:30</p> <p>PL06 Plenary Lecture: Discovering, reinforcing and refining actions. Rui Costa (US)</p> <p>Parallel Symposia 09:45 - 11:15</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>Plenary Lecture 08:30 - 09:30</p> <p>PL08 The Tempest and Clwyd Chen Institute Lecture: Sleep's role in memory consolidation. Jan Born (DE)</p> <p>Parallel Symposia 09:45 - 11:15</p> <p>S43 Insights into brain architecture and behavior from complete connectomes. Local transitional control in neural circuit development, synaptic plasticity and memory.</p> <p>S44 The time for serotonin has come: modulation of GABA in development, plasticity, cognition and disease.</p> <p>S45 Flexible navigation and the insect central complex: insights from a multifaceted brain region.</p> <p>S46 Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions.</p> <p>S47 Brain-body interactions: cross-talk between the brain and other organs in physiology and disease.</p> <p>S48 Gene-environment interactions modulating brain ageing, neurodegeneration and dementia.</p>				
Technical Workshops 11:00 - 14:00	<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 Interacts: technology & methods to uncover the 40 glial role in brain function & dysfunction.</p> <p>W04 Technology for achieving Drosophila whole brain connectomics.</p>	<p>W05 ALBA-FKNE workshop on negotiation skills.</p> <p>SE02 How society-owned journals handle your paper.</p> <p>SE03 The credibility of neuroscience.</p>	<p>SE06 (12:15-13:30) Using Twitter to communicate in your science life.</p> <p>SE07 (12:15-13:30) Neuroscience career paths.</p> <p>SE08 The European Research Council (ERC): funding opportunities for investigator-driven research in Europe.</p>	<p>SE13 Animal experimentation and the search for alternatives – current developments and future perspectives.</p> <p>SE14 Starting and mid-career PI hurdles (I).</p>	<p>SE10 The European Research Council (ERC): funding opportunities for investigator-driven research in Europe.</p>				
Special Lecture 14:15 - 15:15	<p>SLO1 EM Special Feature 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 Roussellet (US)</p>	<p>SL02 Special Lectures 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. Hegeus Chabrier (FR) Pathogenesis of small vessel diseases of the Brain: new insights from genetic models. Anne Joutel (FR) Bohringer-Ingelheim / FENS Research Award Epigenetic mechanisms in memory formation. Johannes Graf (CH)</p> <p>SL03 IBRO - Kemall Prize Lecture From packing order to Ketamine – Neural mechanisms of social and emotional behaviors. Hailan Hu (CN)</p>	<p>SL04 Special Lectures 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 Szabo (USA)</p> <p>SL06 Bohringer-Ingelheim / FENS Research Award Epigenetic mechanisms in memory formation. Johannes Graf (CH)</p>	<p>SL07 Special Lectures Eric Kandel Prize Lecture Gila make zebrafish 'give up' on futile behavior. Maha Ahrens (USA)</p> <p>SL08 Host Society Special Lecture Neuron-Glia Interactions in Synapse Degeneration in Alzheimer's Disease. Tara Spies-Jones (UK)</p> <p>SL09 ERA-NET NEURON / Excellent Papers in Neuroscience Award Lecture (TBA)</p>	<p>SL10 Special Lectures FENS-ER Awards Lectures (11:45 - 12:45) The synaptome: an epic journey in time and space. Seh Grant (UK) Prefrontal circuits for decision making. Lawrence 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>SE01 The Brain Debate Speakers and discussants: Angela Roberts (UK) Christian Ultsch (CH) Emre Yaksi (NO) Gilles Laurent (DE) Guo-Hui Ming (USA)</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>S25 GABA-B receptors as therapeutic targets: travelling from synapse to behaviour to...thaca.</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 memories.</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>OC01 Opening Ceremony</p>	<p>AC01 Award Ceremony 17:15-17:30 Plenary Lecture 17:30 - 18:30</p> <p>PL03 Plenary Lecture: The amygdala and memory: recalling the past, envisaging the future. Sheena Josephyn (CA)</p>	<p>AC02 ALBA-FKNE Diversity Prize Awarding Ceremony</p> <p>PL05 Presidential Lecture: Neural mechanisms of environmental risk for psychiatric disorders. Andreas Meyer-Lindenberg (DE)</p>	<p>PL07 The ERA-NET NEURON Lecture: Early cortical wiring and neuroimmune interactions. Sonia Casetti (FR)</p>	<p>SE04 Neuroscience outreach reception.</p> <p>SE05 Towards an environmentally friendly model for life sciences.</p>				
Plenary Lecture 18:00 - 19:00	<p>PL01 Fred Kavli Opening Lecture Differential resilience to perturbation of circuits with similar performance. Eve Marder (USA)</p>	<p>SE04 Neuroscience outreach reception.</p> <p>SE05 Towards an environmentally friendly model for life sciences.</p>	<p>SE10 Improving openness in animal research within the European neuroscience community (19:30-21:00) (offsite)</p> <p>SE11 Cajal and his peers - a symposium on the visual history of neuroscience (19:30-21:45) (offsite)</p> <p>SE12 An Evening of Science Cafe</p>	<p>SE15 Perspectives on advocacy and policy for Neuroscience in Europe</p>					
Workshop				<p>W06 Starting and mid-career PI hurdles (II) Pre-registration required</p>					
Networking Events 19:15	<p>NE01 19:00-22:00 Next generation networks in Neuroscience</p>	<p>NE02 19:00-20:00 ALBA Network Social</p>		<p>NE03 19:00-21:00 Cajal alumni reception</p>					