

	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 A celebration of women in developmental neuroscience</p> <p>MC08 Nicotine and the Developing Brain (SRNT)</p>	<p>Plenary Lecture 08:30 - 09:30 P002 Local protein synthesis in neurons. <b>Erin Schuman (DE)</b></p> <p>Poster Sessions 09:30 - 13:00</p> <p>Parallel Symposia 09:45 - 11:15</p> <p>S01 <b>Parallel Symposia</b> Chromatin regulation of transcriptional identity during neuronal development.</p> <p>S02 From brain connectome to molecular synapse: 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 tanycyte: 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 P004 How development scaffolds adult hippocampal dynamics. <b>Rosa Cossart (FR)</b></p> <p>Parallel Symposia</p> <p>S17 <b>Parallel Symposia</b> 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>Poster Authors in Attendance</p> <p>W05 ALBA-FKNE workshop on negotiation skills</p> <p>SIE02 <b>How society-owned journals handle your paper</b></p> <p>SIE03 <b>The credibility of neuroscience</b></p> <p>SIE17 <b>(12:00-13:30) 21st century global neuroscience collaboration - sculpting a FAIR and open landscape</b></p> <p>Special Lectures 13:30 - 14:15</p> <p>SLO2 <b>Special Lectures</b> <b>The Brain Prize Lecture 2019 (13:30 - 15:00)</b> CADASIL before CADASIL. <b>Marie-Germaine Bousser (FR)</b> CADASIL: a clinical model of ischemic small vessel disease. <b>Hugues Chabriat (FR)</b> Pathogenesis of small vessel diseases of the Brain: new insights from genetic models. <b>Anne Joutel (FR)</b> Inherited cerebral small vessel disease genomics. <b>Elisabeth Toumier-Lasserre (FR)</b></p> <p><b>IBRO - Kemali Prize Lecture</b> From pecking order to Ketamine - Neural mechanisms of social and emotional behaviors. <b>Hailian Hu (CN)</b></p> <p>Poster Sessions 14:00 - 17:30</p> <p>14:00 - 15:30 15:30 - 17:30</p> <p>Parallel Symposia 15:45 - 17:15</p> <p>S09 <b>Parallel Symposia</b> 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>Award Ceremony 17:15-17:30 Plenary Lecture 17:30 - 18:30 P003 The amygdala and memory: recalling the past, imagining the future. <b>Sheena Josselyn (CA)</b></p> <p>Special Interest Events 18:45</p> <p>SIE04 <b>Neuroscience outreach reception</b></p> <p>SIE05 <b>Towards an environmentally friendly model for life sciences</b></p> <p>Networking Events 18:45</p> <p>NE02 <b>19:00-20:00 ALBA Network Social</b></p>	<p>Plenary Lecture P006 Discovering, reinforcing and refining actions. <b>Rui Costa (US)</b></p> <p>Parallel Symposia</p> <p>S33 <b>Parallel Symposia</b> 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 development and plasticity.</p> <p>Poster Authors in Attendance</p> <p>SIE13 <b>Animal experimentation and the search for alternatives - current developments and future perspectives</b></p> <p>SIE14 <b>Starting and mid-career PI hurdles (I)</b></p> <p>SIE16 <b>Don't leave me now play</b></p> <p>Special Lectures SLO7 <b>Eric Kandel Prize Lecture</b> Glia make zebrafish 'give up' on futile behavior. <b>Misha Ahrens (USA)</b></p> <p>SLO8 <b>Host Society Special Lecture</b> Neuron-Glia interactions in synapse degeneration in Alzheimer's Disease. <b>Tara Spire-Jones (UK)</b></p> <p>SLO9 <b>ERA-Net NEURON / Excellent Papers in Neuroscience Award Lecture</b> Autism-like phenotype and risk gene miRNA deasthenylation by CPB4 mis-splicing. <b>Alberto Parras Rodriguez (Switzerland)</b></p> <p>Special Lectures SLO10 <b>Special Lectures</b> <b>FENS-EIN Awards Lectures (11:45 - 12:45)</b> The synaptome: an epic journey in time and space. <b>Seth Grant (UK)</b> Prefrontal circuits for decision making. <b>Laurence Hunt (UK)</b></p> <p>SLO11 <b>EDAB - Lecture on Neuroethics (12:00 - 12:45)</b> Non-human primate models for neurobiology and biomedicine. <b>Mu-Ming Poo (CN)</b></p> <p>The Hertie Foundation Closing Lecture (13:00 - 14:00) P009 <b>New approaches to studying intact brain structure and function. Karl Deisseroth (USA)</b></p> <p>Poster Authors in Attendance</p> <p>W06 (18:45-20:30) Starting and mid-career PI hurdles (II) Pre-registration required 19:00-21:00 Cajal alumni reception</p>	<p>The Tianqiao and Chrissy Chen Institute Lecture Sleep's role in memory consolidation. <b>Jan Born (DE)</b></p> <p>Parallel Symposia</p> <p>S49 <b>Parallel Symposia</b> Insights into brain architecture and behaviour from complete connectomes.</p> <p>S50 Local translational control in neural circuit development, synaptic plasticity and memory.</p> <p>S51 The time for serotonin has come: modulation of GABA in development, plasticity, cognition and disease.</p> <p>S52 Flexible navigation and the insect central complex: insights from a multifaceted brain region.</p> <p>S53 Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions.</p> <p>S54 Brain-body interactions: crosstalk between the brain and other organs in physiology and disease.</p> <p>S55 Parvalbumin cells in neuropsychiatric disorders: genetics, metabolism and extracellular environment.</p> <p>S56 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 &amp; methods to uncover the 4D glial role in brain function &amp; dysfunction</p> <p>W04 Technology for achieving Drosophila whole brain connectomics</p>	<p>11:30 - 13:00</p> <p>12:00 - 13:30</p> <p>Special Interest Events 12:30 - 13:30</p>	<p>12:15-13:30 Using Twitter to communicate in your science life</p> <p>(12:15-13:30) Neuroscience career paths</p> <p>The European Research Council (ERC): funding opportunities for investigator-driven research in Europe</p>	<p>Animal experimentation and the search for alternatives - current developments and future perspectives</p> <p>Starting and mid-career PI hurdles (I)</p> <p>Don't leave me now play</p>	
Special Lecture 14:15 - 15:15	<p>SLO1 <b>EIN Special Feature</b> Mammalian sleep, varying in space and time. <b>Anita Luthi (CH)</b> At a glance at a face: early visual processing in young and older adults. <b>Guillaume Rousset (UK)</b></p>	<p>Special Lectures 13:30 - 14:15</p> <p>SLO2 <b>Special Lectures</b> <b>The Brain Prize Lecture 2019 (13:30 - 15:00)</b> CADASIL before CADASIL. <b>Marie-Germaine Bousser (FR)</b> CADASIL: a clinical model of ischemic small vessel disease. <b>Hugues Chabriat (FR)</b> Pathogenesis of small vessel diseases of the Brain: new insights from genetic models. <b>Anne Joutel (FR)</b> Inherited cerebral small vessel disease genomics. <b>Elisabeth Toumier-Lasserre (FR)</b></p> <p><b>IBRO - Kemali Prize Lecture</b> From pecking order to Ketamine - Neural mechanisms of social and emotional behaviors. <b>Hailian Hu (CN)</b></p>	<p>Special Lectures SLO4 <b>EBBS / Behavioural Brain Research Lecture</b> Prefrontal circuits related to anhedonia and anxiety. <b>Angela Roberts (UK)</b></p> <p>SLO5 <b>EDAB / Max Cowan Special Lecture</b> Synapses lost and found: developmental critical periods and Alzheimer's Disease. <b>Carla Shatz (USA)</b></p> <p>SLO6 <b>Boehringer-Ingelheim / FENS Research Award</b> Epigenetic mechanisms in memory formation. <b>Johannes Graff (CH)</b></p>	<p>Special Lectures SLO7 <b>Eric Kandel Prize Lecture</b> Glia make zebrafish 'give up' on futile behavior. <b>Misha Ahrens (USA)</b></p> <p>SLO8 <b>Host Society Special Lecture</b> Neuron-Glia interactions in synapse degeneration in Alzheimer's Disease. <b>Tara Spire-Jones (UK)</b></p> <p>SLO9 <b>ERA-Net NEURON / Excellent Papers in Neuroscience Award Lecture</b> Autism-like phenotype and risk gene miRNA deasthenylation by CPB4 mis-splicing. <b>Alberto Parras Rodriguez (Switzerland)</b></p>	<p>Special Lectures SLO10 <b>Special Lectures</b> <b>FENS-EIN Awards Lectures (11:45 - 12:45)</b> The synaptome: an epic journey in time and space. <b>Seth Grant (UK)</b> Prefrontal circuits for decision making. <b>Laurence Hunt (UK)</b></p> <p>SLO11 <b>EDAB - Lecture on Neuroethics (12:00 - 12:45)</b> Non-human primate models for neurobiology and biomedicine. <b>Mu-Ming Poo (CN)</b></p>
Special Interest Event 15:30 - 17:00	<p>SIE01 <b>The Brain Debate</b> Speakers and discussants: <b>Angela Roberts (UK)</b> <b>Christian Lüscher (CH)</b> <b>Emre Yaksi (NO)</b> <b>Gilles Laurent (DE)</b> <b>Guo-Li Ming (USA)</b> <b>Tracy Bale (USA)</b> <b>Trevor Robbins (UK)</b> <b>Peter Dayan (Germany)</b> <b>Irene Tracey (UK)</b></p>	<p>Parallel Symposia 15:45 - 17:15</p> <p>S09 <b>Parallel Symposia</b> 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 <b>Parallel Symposia</b> GABA-B receptors as therapeutic targets: travelling from synapse to behaviour too... 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 memories.</p> <p>AC01 <b>Award ceremony: FKNE mentoring and PhD thesis prizes 2020</b></p> <p>AC02 <b>ALBA-FKNE Diversity Prize Awarding Ceremony</b></p>	<p>Parallel Symposia</p> <p>S41 <b>Parallel Symposia</b> 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 P003 The amygdala and memory: recalling the past, imagining the future. <b>Sheena Josselyn (CA)</b></p>	<p>Presidential Lecture P005 Neural mechanisms of environmental risk for psychiatric disorders. <b>Andreas Meyer-Lindenberg (DE)</b></p>	<p>The ERA-NET NEURON Lecture Early cortical wiring and neuroimmune interactions. <b>Sonia Gareil (FR)</b></p>	
Plenary Lecture 18:00 - 19:00	<p>PLO1 <b>Fred Kavli Opening Lecture</b> Differential resilience to perturbation of circuits with similar performance. <b>Eve Marder (USA)</b></p>	<p>Special Interest Events 18:45</p> <p>SIE04 <b>Neuroscience outreach reception</b></p> <p>SIE05 <b>Towards an environmentally friendly model for life sciences</b></p>	<p>SIE10 <b>Improving openness in animal research within the European neuroscience community</b> (19:30-21:00) (offsite)</p> <p>SIE11 <b>Cajal and his peers - a symposium on the visual history of neuroscience</b> (19:30-21:45) (offsite)</p> <p>SIE12 <b>An Evening of Science Café</b></p>	<p>SIE15 <b>Perspectives on advocacy and policy for Neuroscience in Europe</b></p>	
Workshop				<p>W06 (18:45-20:30) Starting and mid-career PI hurdles (II) Pre-registration required 19:00-21:00 Cajal alumni reception</p>	
Networking Events 19:15	<p>NE01 <b>19:00-22:00 Next generation networks in Neuroscience</b></p>	<p>Networking Events 18:45</p> <p>NE02 <b>19:00-20:00 ALBA Network Social</b></p>		<p>NE03 <b>19:00-21:00 Cajal alumni reception</b></p>	