

	Saturday, July 11	Sunday, July 12	Monday, July 13	Tuesday, July 14	Wednesday, July 15
Mini-Conferences 08:30 - 15:15	Mini-Conferences MC01 MS02 MC03 MC04	<b>PL02</b> <b>Plenary Lecture</b> Local protein synthesis in neurons. <b>Erin Schuman (DE)</b>  <b>Poster Sessions</b> 09:30 - 13:00 <b>Parallel Symposia</b> 09:45 - 11:15 <b>S01</b> Chromatin regulation of transcriptional identity during neuronal development. <b>S02</b> From brain connectome to molecular synapse: diversity of synapse formation and maintenance. <b>S03</b> Synthetic vision: new strategies for rescuing visual perception in degenerative blindness. <b>S04</b> Modulating and visualizing memory engrams in the rodent and human brain. <b>S05</b> The versatile tanyocyte: a hypothalamic integrator of neuroendocrine functions and energy homeostasis. <b>S06</b> Interaction between the nervous system and the immune system in the CNS. <b>S07</b> Functional logic of neuromodulatory circuits in shaping behavior: bridging physiology and disease. <b>S08</b> Beyond Hebb: multi-scale computations in synaptic plasticity.	<b>PL04</b> <b>Plenary Lecture</b> How development scaffolds adult hippocampal dynamics. <b>Rosa Cossart (FR)</b>  <b>Parallel Symposia</b> <b>S17</b> The regulation of proteome state in neuronal development. <b>S18</b> Metabolic and epigenetic rewiring of neuroimmune interactions. <b>S19</b> Teaching signals for circuit plasticity and associative learning. <b>S20</b> From synapse to nucleus and back: activity-driven gene expression in plasticity and brain disorders. <b>S21</b> Conserved functions of serotonergic circuits in diverse animals. <b>S22</b> Sleep, stress and obesity: untangling the link. Oxytocin and social behavior from animal models to clinical applications: progress and challenges. <b>S23</b> How the brain holds its horses: different models of inhibitory control implementation. <b>S24</b>	<b>PL06</b> <b>Plenary Lecture</b> Discovering, reinforcing and refining actions. <b>Rui Costa (US)</b>  <b>Parallel Symposia</b> <b>S33</b> Molecular mechanisms controlling the size of the cerebral cortex. <b>S34</b> The multisensory rodent. <b>S35</b> Neuromodulatory mechanisms of behavioral control. <b>S36</b> Single neuron firing underlying cognitive processing in humans. <b>S37</b> RNA-protein interplay and stress granules: key hotspots for the biology and disease of the brain. <b>S38</b> Neural variability: origin and function. <b>S39</b> The dentate gyrus: mechanisms of memory traces. <b>S40</b> Spontaneous activity in sensory systems development and plasticity.	<b>PL08</b> <b>The Tianqiao and Chrissy Chen Institute Lecture</b> Sleep's role in memory consolidation. <b>Jan Born (DE)</b>  <b>Parallel Symposia</b> <b>S49</b> Insights into brain architecture and behaviour from complete connectomes. <b>S50</b> Local translational control in neural circuit development, synaptic plasticity and memory. <b>S51</b> The time for serotonin has come: modulation of GABA in development, plasticity, cognition and disease. <b>S52</b> Flexible navigation and the insect central complex: insights from a multifaceted brain region. <b>S53</b> Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions. <b>S54</b> Brain-body interactions: crosstalk between the brain and other organs in physiology and disease. <b>S55</b> Parvalbumin cells in neuropsychiatric disorders: genetics, metabolism and extracellular environment. <b>S56</b> Gene-environment interactions modulating brain ageing, neurodegeneration and dementia.
Technical Workshops 11:00 - 14:00	<b>W01</b> Technical Workshops <b>W02</b> <b>W03</b> <b>W04</b>	<b>11:30 - 13:00</b> <b>Special Interest Events</b> <b>12:30 - 13:30</b> <b>SIE02</b> <b>SIE03</b>	<b>Poster Authors in Attendance</b> <b>Special Interest Events</b> <b>SIE04</b> <b>SIE05</b>	<b>Poster Authors in Attendance</b> <b>Special Interest Events</b> <b>SIE06</b> <b>SIE07</b>	<b>Poster Authors in Attendance</b>
Special Lecture 14:15 - 15:15	<b>SL01</b> <b>EJN 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 Roussellet (UK)</b>	<b>Special Lectures</b> <b>13:30 - 14:15</b> <b>SL02</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 Chabriot (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 Tournier-Lasserre (FR)</b> <b>IBRO - Kemali Prize Lecture</b> From pecking order to Ketamine – Neural mechanisms of social and emotional behaviors. <b>Hailan Hu (CN)</b>  <b>SL03</b>  <b>Poster Sessions</b> <b>14:00 - 17:30</b>  <b>14:00 - 15:30</b>	<b>Special Lectures</b> <b>SL04</b> <b>EBBS / Behavioural Brain Research Prize</b> Prefrontal circuits related to anhedonia and anxiety. <b>Angela Roberts (UK)</b> <b>SL05</b> <b>EDAB / Max Cowan Special Lecture</b> Synapses lost and found: developmental critical periods and Alzheimer's Disease. <b>Carla Shatz (USA)</b> <b>SL06</b> <b>Boehringer-Ingelheim / FENS Research Award</b> Epigenetic mechanisms in memory formation. <b>Johannes Gräff (CH)</b>	<b>Special Lectures</b> <b>SL07</b> <b>Eric Kandel Prize Lecture</b> Glia make zebrafish 'give up' on futile behavior. <b>Misha Ahrens (USA)</b> <b>SL08</b> <b>Host Society Special Lecture</b> Neuron-Glia interactions in synapse degeneration in Alzheimer's Disease. <b>Tara Spire-Jones (UK)</b> <b>SL09</b> <b>ERA-NET NEURON / Excellent Papers in Neuroscience Award Lecture</b> (TBA)	<b>Special Lectures</b> <b>FENS-EJN Awards Lectures (11:45 - 12:45)</b> The synapse: an epic journey in time and space. <b>Seth Grant (UK)</b> Prefrontal circuits for decision making. <b>Laurence Hunt (UK)</b>  <b>SL11</b> <b>EDAB - Lecture on Neuroethics (12:00 - 12:45)</b> Non-human primate models for neurobiology and biomedicine. <b>Mu-Ming Poo (CN)</b>  <b>PL09</b> <b>The Hertie Foundation Closing Lecture (13:00 - 14:00)</b> New approaches to studying intact brain structure and function. <b>Karl Deisseroth (USA)</b>
Special Interest Event 15:30 - 17:00	<b>SIE01</b> <b>Grand Debate</b>	<b>Parallel Symposia</b> <b>15:45 - 17:15</b> <b>S09</b> <b>Parallel Symposia</b> Inhibitory circuits for learning and brain plasticity in animals and humans. <b>S10</b> Role and regulation of axonal actin-myosin II machinery. <b>S11</b> The transience of memory: mechanisms underlying memory destabilisation and updating. <b>S12</b> Sex differences and estrogen effects: implications for neuropsychiatric disorders. <b>S13</b> Epigenetics in neurodevelopmental disorders: role of chromatin remodeling and DNA methylation. <b>S14</b> Mitochondria as sensors and regulators of astroglial and neuronal functions. <b>S15</b> Grid cell metrics and beyond: from network interactions to non-periodic firing. <b>S16</b> 50 years of barrel cortex: linking structure and function.	<b>Parallel Symposia</b> <b>S25</b> <b>Parallel Symposia</b> GABA-B receptors as therapeutic targets: travelling from synapse to behaviour to... <b>S26</b> Ithaca. Genetic, developmental and circuit basis of sexually dimorphic behaviour. <b>S27</b> Neuron-glia metabolic coupling. <b>S28</b> Cortical plasticity across senses. <b>S29</b> HCN pacemaker channels dysfunction linked to neurological pathologies. <b>S30</b> The flexible use of multisensory information for behavior: models, neurons and neuroimaging. <b>S31</b> Neural mechanisms underlying social interactions in human and non-human primates. <b>S32</b> The eternal sunshine of the spotless mind: recent advances to reduce fear and addictive memories.	<b>Parallel Symposia</b> <b>S41</b> <b>Parallel Symposia</b> Small, yet important: how hippocampal CA2 shapes our memory. <b>S42</b> Astroglial networks in regulating sensory function and plasticity. <b>S43</b> Neural circuit mechanism of somatosensation. <b>S44</b> Neuronal circuit dissection in the central auditory system. <b>S45</b> Dopaminergic and serotonergic basis of motivation across species, methods, health, and disease. <b>S46</b> Subventricular zone neurogenesis: novel mechanisms and migration patterns. <b>S47</b> From synaptic dysfunction to treatment strategies in neurodevelopmental disorders. <b>S48</b> Genetic tools in rodents and primates: new frontiers.	
Opening Ceremony 17:15 - 18:00	<b>Opening Ceremony</b>	<b>Plenary Lecture</b> <b>17:30 - 18:30</b> <b>PL03</b> <b>Plenary Lecture</b> The amygdala and memory: recalling the past, imaging the future. <b>Sheena Josselyn (CA)</b>	<b>Presidential Lecture</b> <b>PL05</b> <b>Presidential Lecture</b> Neural mechanisms of environmental risk for psychiatric disorders. <b>Andreas Meyer-Lindenberg (DE)</b>	<b>The ERA-NET NEURON Lecture</b> <b>PL07</b> <b>The ERA-NET NEURON Lecture</b> Early cortical wiring and neuroimmune interactions. <b>Sonia Garel (FR)</b>	
Plenary Lecture 18:00 - 19:00	<b>PL01</b> <b>Fred Kavli Opening Lecture</b> Differential resilience to perturbation of circuits with similar performance. <b>Eve Marder (USA)</b>	<b>Special Interest Events</b> <b>18:45</b> <b>SIE02</b> <b>SIE03</b> <b>SIE04</b>	<b>Special Interest Events</b> <b>SIE05</b> <b>SIE06</b>	<b>Special Interest Events</b> <b>SIE07</b> <b>SIE08</b>	
Social Events 19:15	<b>SE01</b> <b>Social Events</b> <b>SE02</b>	<b>Social Events</b> <b>18:45</b> <b>SE03</b> <b>SE04</b> <b>SE05</b>	<b>Social Events</b> <b>SE06</b> <b>SE07</b>	<b>Social Events</b> <b>SE08</b>	