

Saturday, July 11		Sunday, July 12		Monday, July 13		Tuesday, July 14		Wednesday, July 15	
Mini-Conferences 08:30 - 15:15	MC01 MS02 MC03 MC04	Plenary Lecture 08:30 - 09:30	PL02 Plenary Lecture Local protein synthesis in neurons. <b>Erin Schuman (DE)</b>	PL04 Plenary Lecture How development scaffolds adult hippocampal dynamics. <b>Rosa Cossart (FR)</b>	PL06 Plenary Lecture Discovering, reinforcing and refining actions. <b>Rui Costa (US)</b>	PL08 The Tianjiao and Chrissy Chen Institute Lecture Sleep's role in memory consolidation. <b>Jan Born (DE)</b>			
		Poster Sessions 09:30 - 13:00							
		Parallel Symposia 09:45 - 11:15	S01 S02 S03 S04 S05 S06 S07 S08 Parallel Symposia Chromatin regulation of transcriptional identity during neuronal development. From brain connectome to molecular synaptome: diversity of synapse formation and maintenance. Synthetic vision: new strategies for rescuing visual perception in degenerative blindness. Modulating and visualizing memory engrams in the rodent and human brain. The versatile tanyocyte: a hypothalamic integrator of neuroendocrine functions and energy homeostasis. Interaction between the nervous system and the immune system in the CNS. Functional logic of neuromodulatory circuits in shaping behavior: bridging physiology and disease. Beyond Hebb: multi-scale computations in synaptic plasticity.	S17 S18 S19 S20 S21 S22 S23 S24 Parallel Symposia The regulation of proteome state in neuronal development. Metabolic and epigenetic rewiring of neuroimmune interactions. Teaching signals for circuit plasticity and associative learning. From synapse to nucleus and back: activity-driven gene expression in plasticity and brain disorders. Conserved functions of serotonergic circuits in diverse animals. Sleep, stress and obesity: untangling the link. Oxytocin and social behavior from animal models to clinical applications: progress and challenges. How the brain holds its horses: different models of inhibitory control implementation.	S33 S34 S35 S36 S37 S38 S39 S40 Parallel Symposia Molecular mechanisms controlling the size of the cerebral cortex. The multisensory rodent. Neuromodulatory mechanisms of behavioral control. Single neuron firing underlying cognitive processing in humans. RNA-protein interplay and stress granules: key hotspots for the biology and disease of the brain. Neural variability: origin and function. The dentate gyrus: mechanisms of memory traces. Spontaneous activity in sensory systems development and plasticity.	S49 S50 S51 S52 S53 S54 S55 S56 Parallel Symposia Insights into brain architecture and behaviour from complete connectomes. 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. Flexible navigation and the insect central complex: insights from a multifaceted brain region. Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions. Brain-body interactions: crosstalk between the brain and other organs in physiology and disease. Parvalbumin cells in neuropsychiatric disorders: genetics, metabolism and extracellular environment. Gene-environment interactions modulating brain ageing, neurodegeneration and dementia.			
Technical Workshops 11:00 - 14:00	W01 W02 W03 W04	Technical Workshops	11:30 - 13:00	Poster Authors in Attendance	Poster Authors in Attendance	Poster Authors in Attendance	Poster Authors in Attendance	Poster Authors in Attendance	Poster Authors in Attendance
		Special Interest Events 12:30 - 13:30	SIE02 SIE03 Special Interest Events	SIE07 SIE08 Special Interest Events	SIE11 SIE12 Special Interest Events				
Special Lecture 14:15 - 15:15	SL01	EIN Special Feature 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 Rousselet (UK)</b>	SL02 SL03 Special Lectures 13:30 - 14:15 The Brain Prize Lecture 2019 (13:30 - 15:00) CADASIL before CADASIL. <b>Marie-Germaine Boustier (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 Tournier-Lasserre (FR)</b> IBRO - Kemali Prize Lecture From pecking order to ketamine – Neural mechanisms of social and emotional behaviors. <b>Hailan Hu (CN)</b>	SL04 SL05 SL06 Special Lectures EBBS / Behavioural Brain Research Prize Prefrontal circuits related to anhedonia and anxiety. <b>Angela Roberts (UK)</b> EDAB / Max Cowan Special Lecture Synapses lost and found: developmental critical periods and Alzheimer's Disease. <b>Carla Shatz (USA)</b> Boehringer-Ingelheim / FENS Research Award Epigenetic mechanisms in memory formation. <b>Johannes Graff (CH)</b>	SL07 SL08 SL09 Special Lectures Eric Kandel Prize Lecture Glia make zebrafish 'give up' on futile behavior. <b>Misha Ahrens (USA)</b> Host Society Special Lecture Neuron-Glia interactions in synapse degeneration in Alzheimer's Disease. <b>Tara Spire-Jones (UK)</b> ERA-Net NEURON / Excellent Papers in Neuroscience Award Lecture (TBA)	SL10 SL11 Special Lectures FENS-EIN Awards Lectures (11:45 - 12:45) The synaptome: an epic journey in time and space. <b>Seetha Grant (UK)</b> Prefrontal circuits for decision making. <b>Laurence Hunt (UK)</b> EDAB - Lecture on Neuroethics (12:00 - 12:45) Non-human primate models for neurobiology and biomedicine. <b>Mu-Ming Poo (CN)</b>			
		Poster Sessions 14:00 - 17:30							
		14:00 - 15:30	Poster Authors in Attendance	Poster Authors in Attendance	Poster Authors in Attendance				
Special Interest Event 15:30 - 17:00	SIE01	Grand Debate	S09 S10 S11 S12 S13 S14 S15 S16 Parallel Symposia 15:45 - 17:15 Inhibitory circuits for learning and brain plasticity in animals and humans. Role and regulation of axonal actomyosin II machinery. The transience of memory: mechanisms underlying memory destabilisation and updating. Sex differences and estrogen effects: implications for neuropsychiatric disorders. Epigenetics in neurodevelopmental disorders: role of chromatin remodelling and DNA methylation. Mitochondria as sensors and regulators of astroglial and neuronal functions. Grid cell metrics and beyond: from network interactions to non-periodic firing. 50 years of barrel cortex: linking structure and function.	S25 S26 S27 S28 S29 S30 S31 S32 Parallel Symposia GABA-B receptors as therapeutic targets: travelling from synapse to behaviour to... Genetic, developmental and circuit basis of sexually dimorphic behaviour. Neuron-glia metabolic coupling. Cortical plasticity across senses. HCN pacemaker channels dysfunction linked to neurological pathologies. The flexible use of multisensory information for behavior: models, neurons and neuroimaging. Neural mechanisms underlying social interactions in human and non-human primates. The eternal sunshine of the spotless mind: recent advances to reduce fear and addictive memories.	S41 S42 S43 S44 S45 S46 S47 S48 Parallel Symposia Small, yet important: how hippocampal CA2 shapes our memory. Astroglial networks in regulating sensory function and plasticity. Neural circuit mechanism of somatosensation. Neuronal circuit dissection in the central auditory system. Dopaminergic and serotonergic basis of motivation across species, methods, health, and disease. Subventricular zone neurogenesis: novel mechanisms and migration patterns. From synaptic dysfunction to treatment strategies in neurodevelopmental disorders. Genetic tools in rodents and primates: new frontiers.				
Opening Ceremony 17:15 - 18:00		Opening Ceremony	PL03 Plenary Lecture 17:30 - 18:30 The amygdala and memory: recalling the past, imaging the future. <b>Sheena Josselyn (CA)</b>	PL05 Presidential Lecture Neural mechanisms of environmental risk for psychiatric disorders. <b>Andreas Meyer-Lindenberg (DE)</b>	PL07 The ERA-NET NEURON Lecture Early cortical wiring and neuroimmune interactions. <b>Sonia Garell (FR)</b>				
Plenary Lecture 18:00 - 19:00	PL01	Fred Kavli Opening Lecture Differential resilience to perturbation of circuits with similar performance. <b>Eve Marder (USA)</b>	SIE04 SIE05 SIE06 Special Interest Events 18:45	SIE09 SIE10 SIE11 Special Interest Events	SIE13 SIE14 Special Interest Events				
Networking Events 19:15	SE01 SE02	Networking Events	SE03 SE04 SE05 Networking Events 19:45	SE06 SE07 Networking Events	SE08 Networking Events				