



Federation of
European
Neuroscience
Societies

11th FENS Forum of Neuroscience
July 7-11, 2018, Berlin, Germany
Programme at a glance

Saturday, July 7		Sunday, July 8		Monday, July 9		Tuesday, July 10		Wednesday, July 11	
	<p>Plenary Lecture 08:30 - 09:30</p> <p>Poster Sessions 09:30 - 13:15</p> <p>Parallel Symposia 09:45 - 11:15</p>	<p>PL02 Plenary Lecture Paola Ariotta (USA)</p> <p>Parallel Symposia S01 Developmental logic underlying the functional diversity of cortical interneurons S02 Exploring an uncharted territory of the brain: the role of habenula in animal behavior S03 Neurotransmitter signaling in brain development and disease - looking beyond synapses S04 Through the eye of a fly: from brain wiring to function S05 Thalamo-cortical circuits in sleep and cognition S06 Deep brain imaging of neuronal ensembles in freely moving animals using miniaturized microscopes S07 Cortical plasticity following sensory loss and restoration S08 Cannabinoid regulation of stress, emotion and memory: mechanisms and clinical implications</p>	<p>PL04 Plenary Lecture Frans de Waal (USA)</p> <p>Parallel Symposia S17 Evolutionary and ethological perspectives to understand neural circuits and behaviour S18 Schwann cell development and repair in health and disease S19 Ampa-receptor plasticity at synapses as an instrument to adapt behavior S20 Tissue clearing technologies- study of biological mechanisms in see-through organisms S21 BMI S22 The mystery of rapid eye movement sleep: new circuits and insights S23 Decision, action, and navigation in rodent parietal cortex S24 Cortical and hippocampal inhibitory GABA function in cognition and behavior</p>	<p>PL06 Plenary Lecture Michael Long (USA)</p> <p>Parallel Symposia S33 Neuronal diversity in the assembly of association layers S34 The ins and outs of the midbrain dopamine system: from cellular systems to behavioral insights S35 Mechanisms controlling the localization of axonal ion channels S36 Neuronal network and synapse dysfunction in alzheimers disease S37 Thermoensation, molecules, circuits, and perception S38 Cortical control of skilled forelimb movement S39 Neural mechanisms for social cognition in monkeys and humans S40 Epigenetic inheritance: from chromatin to behavior across species</p>	<p>PL08 Plenary Lecture Doris Tsao (USA)</p> <p>Parallel Symposia S49 Cognitive functions of the cerebellum S50 Astrocyte and brain function S51 Resolving the cognitive function of prefrontal circuits: from neurons to behavior S52 Novel cell-type and region-specific perspectives on hippocampal function S53 Neural circuits for odor coding S54 Neuronal mechanisms of feeding behaviors: functional organization of hypothalamic circuits S55 Neuronal circuits of fear, extinction and beyond: recent advances S56 Shared principles of animal behavior across species</p>				
<p>Technical Workshops 12:30 - 15:30</p>	<p>Technical Workshops W01 Two-photon holographic optogenetics: technical advances and experimental in vivo applications W02 Investigating neural substrates of perception and cognition with large-scale data W03 3D print your own lab equipment: open hardware, education and global research capacity building W04 Using insights from basic science to improve the methodology of transcranial magnetic stimulation</p>	<p>11:15 - 13:15</p> <p>Special Lectures & Events 13:00 - 13:45</p> <p>Poster Sessions 13:30 - 17:30</p> <p>13:30 - 15:30</p> <p>Parallel Symposia 15:45 - 17:15</p>	<p>Poster Authors in Attendance</p> <p>Special Lectures SL01 The Brain Prize Lecture 2017 (12:30 - 14:00) Peter Dayan (UK) Ray Dolan (UK) Wolfram Schultz (UK) SL02 IBRO - Kemali Prize Guillermina Lopez-Bendito (Spain) SL03 EDAB - Lecture on Neuroethics</p> <p>Poster Authors in Attendance</p> <p>Parallel Symposia S09 Parvalbumin neurons, perineuronal nets and network plasticity S10 Aberrant pre- and post-synaptic mechanisms in parkinson's: pre-degeneration to late stage disease S11 Dissecting striatal circuits involved in stress, motivation and repetition S12 Context-dependent modulations of neural coding in primary sensory cortices S13 Cells and circuits signaling spatial orientation S14 Lost and found again: the engraml are we there yet? S15 Crispr/cas9-based gene editing for modeling and treating neurological disorders S16 Two to tango: brain-immune interactions</p>	<p>Poster Authors in Attendance</p> <p>Special Lectures SL04 Host Society Special Lecture Hans Lassmann (Austria) SL05 EDAB / Max Cowan Special Lecture Karel Svoboda (USA) SL06 Boehringer-Ingelheim / FENS Research Award</p> <p>Poster Authors in Attendance</p> <p>Parallel Symposia S25 Neural encoding of time on the scale of \$26\$ seconds: networks for time-based anticipation and action S27 Development of early circuits in sensory cortex: from molecules to humans S28 Everything flows? stability and variability of neuronal long-term representations S29 Neural circuits underlying stress susceptibility S30 Hippocampal plasticity: novel synaptic mechanisms S31 Transforming errors into skills: from spike trains to behavior and back again S32 From recent to remote memory, and back Using computational neuroethology to dissect the neural basis of behavior</p>	<p>Poster Authors in Attendance</p> <p>Special Lectures SL07 Foundation IPSEN / Neuronal Plasticity Prize (12:30 - 14:00) SL08 EBBS / Behavioural Brain Research Prize Eleanor Maguire (UK) SL09 Eric Kandel Prize Lecture Marta Zlatic (USA)</p> <p>Poster Authors in Attendance</p> <p>Parallel Symposia S41 Neural stem cells and brain organoids S42 Dentate gyrus - from circuits to behavior S43 Promoting myelin repair in multiple sclerosis S44 From neuroethology to autonomous robots S45 Epigenetic remodeling of brain function: addiction and neurodegeneration S46 Serotonin and antidepressants: molecular mechanisms, neuropharmacology and psychological processing S47 Working memory S48 From super-resolution to in vivo imaging: new ways to see and understand synaptic function</p>	<p>Poster Authors in Attendance</p> <p>Special Lectures (11:30 - 12:45) SL10 FENS-EJN Awards Lectures Silvia Arber (Switzerland) Lucia Prieto-Godino (Switzerland) Sophie Steculorum (Germany) SL11 ERA-Net NEURON / Excellent Papers in Neuroscience Awards</p> <p>ERA-NET Neuron Plenary Lecture (13:00 - 14:00) PL09 Botond Roska (Switzerland)</p>			
<p>Special Interest Event 16:00 - 17:00</p>	<p>Special Interest Event SIE01 The EJN Special Feature</p>								
<p>Opening Ceremony 17:00 - 18:00</p>	<p>Opening Ceremony</p>	<p>Plenary Lecture 17:30 - 18:30</p>	<p>PL03 Hertie Foundation Plenary Lecture Leslie Vosshall (USA)</p>	<p>PL05 Presidential Lecture Irene Tracey (UK)</p>	<p>PL07 Plenary Lecture Beth Stevens (USA)</p>				
<p>Plenary Lecture 18:00 - 19:00</p>	<p>PL01 Fred Kavli Lecture Tom Insel (USA)</p>	<p>Special Interest Events 18:45</p>	<p>SIE02 Special Interest Event SIE03 SIE04</p>	<p>SIE05 Special Interest Events SIE06</p>	<p>SIE07 Special Interest Events SIE08</p>				
<p>Networking Events 19:15</p>	<p>NE01 Networking Events NE02</p>	<p>Networking Events 18:45</p>	<p>NE03 Networking Events NE04</p>	<p>NE05 Networking Events NE06</p>	<p>NE07 Networking Events NE08</p>				