

Saturday, July 7		Sunday, July 8		Monday, July 9		Tuesday, July 10		Wednesday, July 11	
Plenary Lecture 08:30 - 09:30		Plenary Lecture PLO2 Development, reprogramming and modeling of the central nervous system: from the embryo to human brain organoids Paola Arlotta (USA)		The Tianqiao and Chrissy Chen Institute Lecture PLO4 Prosocial Animals: Empathy and Cooperation Frans de Waal (USA)		Plenary Lecture PLO5 Stability and Flexibility in Motor Networks Michael Long (USA)		Plenary Lecture PLO8 Neural mechanisms for object representation Doris Tsao (USA)	
Poster Sessions 09:30 - 13:00 Parallel Symposia 09:45 - 11:15		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		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 Exciting new technologies emerging from the u.s. national institutes of health brain initiative 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		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 Thermosensation, 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		Parallel Symposia S49 Cognitive functions of the cerebellum S50 Microdomain astrocyte Ca2+ signals at the synaptic and vascular interfaces and their functional relevance 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	
11:30 - 13:00 Special Interest Events 12:30-13:30		Poster Authors in Attendance		Poster Authors in Attendance		Poster Authors in Attendance		Poster Authors in Attendance	
Technical Workshops 12:30 - 15:30		Special Lectures 13:30 - 14:15		Special Lectures 13:30 - 14:15		Special Lectures 13:30 - 14:15		Special Lectures 13:30 - 14:15	
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		SLO2 The Brain Prize Lecture 2017 (13:30 - 15:00) Peter Dayan (UK) Ray Dolan (UK) Wolfram Schultz (UK) SLO3 IBRO - Kemali Prize Guillermo Lopez-Bendito (Spain) SLO4 EDAB - Lecture on Neuroethics Helen Mayberg (USA)		SLO5 Most Society Special Lecture Hans Lassmann (Austria) SLO6 EDAB / Max Cowan Special Lecture Karel Svoboda (USA) SLO7 Boehringer-Ingelheim / FENS Research Award David Dupret		SLO8 EBBS / Behavioural Brain Research Prize Eleanor Maguire (UK) SLO9 Eric Kandel Prize Lecture Marta Zlatić (USA)		SLO10 FENS-EIN Awards Lectures (11:30-12:45) Silvia Arber (Switzerland) Lucia Priebe-Godine (Switzerland) Sophie Steculorum (Germany) SLO11 ERA-NET NEURON / Excellent Paper in Neuroscience Award (11:45-12:45)	
14:00 - 17:30 Poster Sessions		14:00 - 17:30 Poster Sessions		14:00 - 17:30 Poster Sessions		14:00 - 17:30 Poster Sessions		14:00 - 17:30 Poster Sessions	
Special Lecture 16:00 - 17:00		Special Lectures SLO1 The EIN Special Feature Stephanie Cragg (UK) Lisa Marshall (Germany)		Parallel Symposia 15:45 - 17:15		Parallel Symposia 15:45 - 17:15		Parallel Symposia 15:45 - 17:15	
SLO1 The EIN Special Feature Stephanie Cragg (UK) Lisa Marshall (Germany)		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 engrail are we there yet? S15 Crisp/cas9-based gene editing for modeling and treating neurological disorders S16 Two to tango: brain-immune interactions		S25 Neural encoding of time on the scale of seconds: networks for time-based anticipation and action S26 Development of early circuits in sensory cortex: from molecules to humans S27 Everything flows? stability and variability of neuronal long-term representations S28 Neural circuits underlying stress susceptibility S29 Hippocampal plasticity: novel synaptic mechanisms S30 Transforming errors into skills: from spike trains to behavior and back again S31 From recent to remote memory, and back S32 Using computational neuroethology to dissect the neural basis of behavior		S41 Stem cells and the brain: Neurons, niches and 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 Prefrontal mechanisms underlying working memory S48 From super-resolution to in vivo imaging: new ways to see and understand synaptic function			
Opening Ceremony 17:00 - 18:00		Opening Ceremony		Plenary Lecture 17:30 - 18:30		Plenary Lecture 17:30 - 18:30		Plenary Lecture 17:30 - 18:30	
Fred Kaveli Opening Lecture PLO1 Digital Phenotyping: Rethinking Behavior Tom Insel (USA)		The Hertie Foundation Lecture PLO3 Thirst for blood: The neurobiology of mosquito behavior Leslie Vosshall (USA)		Presidential Lecture PLO5 Imaging Perception: Lessons from Pain, Analgesia and Anaesthesia-induced Altered States of Consciousness Ineke Tracey (UK)		Plenary Lecture PLO7 Immune Mechanisms of Synapse Loss in Disease: Lessons from Development Beth Stevens (USA)		On Display 0001 The History Corner 0002 The Brain Awareness Week Corner 0003 NENS Graduate Schools Programme Fair	
18:00 - 19:00 Plenary Lecture		18:00 - 19:00 Plenary Lecture		18:00 - 19:00 Plenary Lecture		18:00 - 19:00 Plenary Lecture		18:00 - 19:00 Plenary Lecture	
Fred Kaveli Opening Lecture PLO1 Digital Phenotyping: Rethinking Behavior Tom Insel (USA)		Special Interest Events SIE Dealing with Gender-Bias in Neuroscience (18:45-21:00)		Special Interest Events SIE Awarding Ceremony: Mentoring and PhD Thesis Prizes 2018 (17:10-17:30) SIE East meets West: Building bridges through science (18:45-20:30)		Special Interest Events SIE NENS Graduate Schools Programme Fair - session (15:00-17:00) SIE Start your lab (II)/evening session (18:45-20:15)		Special Interest Events SIE NENS Graduate Schools Programme Fair - session (15:00-17:00) SIE Start your lab (II)/evening session (18:45-20:15)	
19:00 Networking Events		19:00 Networking Events		19:00 Networking Events		19:00 Networking Events		19:00 Networking Events	
FENS-Kaveli networking event (19:00-20:00)		Networking Events NE Hellenic Society for Neuroscience: Meet the Greeks! (18:45-20:00) NE Global Advocacy Initiative Networking Reception (18:45-20:00) NE AGM of the GNS (NWG) (18:45-20:30) NE ESN & Friends - get together to step forward (19:00-21:30) NE History Seminar - An evening at the Berlin Museum of Medical History (19:00-22:30) NE An Evening of Science Café		Networking Events NE Network for Euro-Mediterranean collaborations (18:45-21:00) NE Synaptic Interaction Night (18:45-22:30) NE Speed-dating with dinosaurs - Meet top scientists from Germany (19:00-21:30) NE International Partnerships in Neuroscience (19:30-21:00)		Networking Events NE Next Generation Networks in Neuroscience (18:45-20:20) NE The Grass Fellow network - the past and the future (19:30-21:30) NE FENS-Kaveli Scholars Reception (20:00-23:30)		Networking Events NE Next Generation Networks in Neuroscience (18:45-20:20) NE The Grass Fellow network - the past and the future (19:30-21:30) NE FENS-Kaveli Scholars Reception (20:00-23:30)	
On Display all day events		On Display all day events		On Display all day events		On Display all day events		On Display all day events	
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