



All plenary sessions, special lectures, parallel symposia and parallel workshops will have live Q&A
All sessions will be accessible through the live auditorium

| Legend: | | Live session | Pre-recorded and Live Q&A | Recorded session | | | |
|---|--|---|--|--|---|--|---|
| Saturday, July 11 | | | | | | | |
| Time zone: Glasgow, UK (GMT+1), British Summer time | | | | | | | |
| Sunday, July 12 | | | | | | | |
| Monday, July 13 | | | | | | | |
| Tuesday, July 14 | | | | | | | |
| Wednesday, July 15 | | | | | | | |
| Mini-Conferences 08:00 - 11:30 Technical Workshops 09:00 - 11:30 Special Lecture 11:30 - 12:45 Parallel Symposia 13:00 - 14:30 Special Interest Event 15:00 - 16:30 Opening Ceremony and Fred Kaveli Opening Plenary Lecture 16:30 - 18:30 | Mini-Conferences MC01 Behavioural neuroscience for the next decade: Why behaviour matters to brain science MC02 Molecular mechanisms of cognitive impairments and intellectual disability MC03 Multiscale, multimethod human brain imaging MC05 Neuroscience applied and translational research MC06 Sleep across the lifespan MC07 A celebration of women in developmental neuroscience MC08 Nicotine and the Developing Brain (SNRT) | Technical Workshops W01 Optogenetics: from new tools to applications W02 Measuring the activity of individual neurons at a brain-wide scale W03 Glial interfaces: technology & methods to uncover the 4D glial role in brain function & dysfunction W04 Technology for achieving Drosophila whole brain connectomics | Plenary Lecture 08:30 - 09:30 Special Interest Events 09:30 - 10:30 Bridging The Knowledge Session Millenry Biotech - Holistic whole brain imaging: from easy sample preparation to high-resolution light sheet microscopy Poster Sessions 10:30 - 12:00 Special Lecture 12:00 - 12:45 Parallel Symposia 13:00 - 14:30 Poster Sessions 14:30 - 16:00 Plenary Lecture 16:00 - 17:00 Bridging Knowledge Sessions 17:00 - 18:30 Networking Event 18:45-20:45 | Plenary Lecture PL02 Local protein synthesis in neurons Erin Schuman (DE) Special Interest Events SE02 How society-owned journals handle your paper SE03 Credibility in neuroscience SE13 Animal experimentation and the search for alternatives - current developments and future perspectives SE12 ALBA-FRNE panel discussion: How to negotiate to get what you need Bridging The Knowledge Session Millenry Biotech - Holistic whole brain imaging: from easy sample preparation to high-resolution light sheet microscopy Poster authors in attendance (2/14 group sessions) Special Lectures SL02 The Brain Prize Lecture 2019 (11:30 - 12:45) CADASIL: a clinical model of ischemic small vessel disease Hugues Chabriat (FR) Pathogenesis of small vessel diseases of the Brain: new insights from genetic models. Anne Jouhel (FR) Inherited cerebral small vessel disease genomics SL03 IBRO - Kemali Prize Lecture (12:00 - 12:45) From pecking order to Ketamine - Neural mechanisms of social and emotional behaviors Haitan Hu (CN) Parallel Symposia S13 Epigenetics in neurodevelopmental disorders: role of chromatin remodelling and DNA methylation S11 The transience of memory: mechanisms underlying memory destabilisation and updating S15 Grid cell metrics and beyond: from network interactions to non-periodic firing S16 50 years of barrel cortex: linking structure and function S17 The regulation of proteome state in neuronal development S24 How the brain holds its horses: different models of inhibitory control implementation S19 Teaching signals for circuit plasticity and associative learning S20 From synapse to nucleus and back: activity-driven gene expression in plasticity and brain disorders S21 Conserved functions of serotonergic circuits in diverse animals S22 Sleep, stress and obesity: untangling the link S23 Oxytocin and social behavior from animal models to clinical applications: progress and challenges Poster authors in attendance (2/14 group sessions) Plenary Lecture PL03 The amygdala and memory: recalling the past, imaging the future Sheena Josephyn (CA) Bridging The Knowledge Session BK502 Two novel technologies for neuroscience research: specificity and affinity of recombinant antibodies & nucleic acid isolation method Networking Event NE04 International Brain Initiative: 100 years of the Instituto Cajal Networking Event NE03 Facilitating global neuroscience engagement Hellenic Society for Neuroscience Social | Plenary Lecture PL04 How development scaffolds adult hippocampal dynamics Rosa Cossart (FR) Special Interest Events SE06 Using Twitter to communicate in your science life SE07 Neuroscience career paths SE18 Global Research Collaboration Poster authors in attendance (2/14 group sessions) Special Lectures SL04 EBBS / Behavioural Brain Research Lecture Prefrontal circuits related to anhedonia and anxiety Angela Roberts (UK) EDAB / Max Cowan Special Lecture Synapses lost and found: developmental critical periods and Alzheimer's Disease. Carla Shatz (US) Boehringer-Ingelheim / FENS Research Award Johannes Gräß (CH) Parallel Symposia S18 Metabolic and epigenetic rewiring of neuroimmune interactions S25 GABA-B receptors as therapeutic targets: underlying memory destabilisation and updating S26 Genetic, developmental and circuit basis of sexually dimorphic behaviour S27 Neuron-glia metabolic coupling S28 Cortical plasticity across senses S29 HCN pacemaker channels dysfunction linked to neurological pathologies S30 The flexible use of multisensory information for behavior: models, neurons and neuroimaging S31 Neural mechanisms underlying social interactions in human and non-human primates S32 The eternal sunshine of the spotless mind: recent advances to reduce fear and addictive memories S35 Neuroendulatory mechanisms of behavioral control S39 The dentate gyrus: mechanisms of memory traces Poster authors in attendance (2/14 group sessions) Presidential Lecture PL05 Neural mechanisms of environmental risk for psychiatric disorders Andreas Meyer-Lindenberg (DE) Bridging The Knowledge Session BK503 Boehringer Ingelheim - Translational tasks of cognitive flexibility Networking Event NE08 100 years of the Instituto Cajal Networking Event NE12 Whisky, Gila and Energy Metabolism | The ERA-NET NEURON Lecture Early critical wiring and neuroimmune interactions Sonia Gareil (FR) Special Interest Events SE10 Improving openness in animal research within the European neuroscience community SE05 Towards an environmentally friendly model for life sciences SE09 NENS Graduate School Fair & Best Students' Posters SE08 SoComm S05: public engagement and communication workshops Poster authors in attendance (2/14 group sessions) Special Lectures SL07 Eric Kandel Prize Lecture Computation in neuron-glia circuits for controlling behavioral state Misha Ahrens (US) Host Society Special Lecture Neuron-Glia Interactions in synapse degeneration in Alzheimer's Disease Tara Spies-Jones (UK) ERA-Net NEURON / Excellent Papers in Neuroscience Award Lecture Autism-like phenotype and risk gene mRNA deadenylation by CPEB4 mis-splicing Alberto Parras Rodriguez (CH) Parallel Symposia S33 Molecular mechanisms controlling the size of the cerebral cortex S36 Single neuron firing underlying cognitive processing in humans S37 RNA-protein interplay and stress granules: key hotspots for the biology and disease of the brain S38 Neural variability: origin and function S24 The multisensory rodent S40 Spontaneous activity in sensory systems development and plasticity S41 Small, yet important: how hippocampal CA2 shapes our memory S42 Astroglial networks in regulating sensory function and plasticity S09 Inhibitory circuits for learning and brain plasticity in animals and humans S47 From synaptic dysfunction to treatment strategies in neurodevelopmental disorders S45 Dopaminergic and serotonergic basis of motivation across species, methods, health, and disease Poster authors in attendance (2/14 group sessions) Plenary Lecture PL06 Discovering, reinforcing and refining actions Rui Costa (US) Bridging The Knowledge Session (17:00-19:30) NeuroPro - Bridging the knowledge brain debates | The Tianqiao and Chrissy Chen Institute Lecture Sleep's role in memory consolidation Jan Born (DE) Special Interest Events SE14 Starting and mid-career PI hurdles (I) SE15 Research Funding in Europe Post-COVID-19 SE16 Don't leave me now play SE17 21st century global neuroscience collaboration - sculpting a FAIR and Open landscape SE19 A path to therapies: key questions in dementia research - hosted by the UK Dementia Research Institute Poster authors in attendance (2/14 group sessions) Special Lectures SL10 FENS-EN Awards Lectures (11:30 - 12:45) The synaptome: an epic journey in time and space Seth Grant (UK) Prefrontal circuits for decision making Laurence Hunt (UK) EDAB - Lecture on Neuroethics (12:00 - 12:45) Non-human primate models for neurobiology and biomedicine Mu-Ming Poo (CN) Parallel Symposia S46 Subventricular zone neurogenesis: novel mechanisms and migration patterns S44 Neuronal circuit dissection in the central auditory system S48 Genetic tools in rodents and primates: new frontiers S49 Insights into brain architecture and behaviour from complex connectomes S50 Local translational control in neural circuit development, synaptic plasticity and memory S51 The time for serotonin has come: modulation of GABA in development, plasticity, cognition and disease S52 Flexible navigation and the insect central complex: insights from a multifaceted brain region S53 Understanding memory networks: unravelling hippocampal-cortico-thalamic interactions S54 Brain-body interactions: crosstalk between the brain and other organs in physiology and disease S55 Parvalbumin cells in neuropsychiatric disorders: genetics, metabolism and extracellular environment S56 Gene-environment interactions modulating brain ageing, neurodegeneration and dementia The Hertie Foundation Closing Lecture (15:00 - 16:00) New approaches to studying intact brain structure and function Karl Deisseroth (US) |

