



	Saturday, July 5		Sunday, July 6	Monday, July 7	Tuesday, July 8	Wednesday, July 9
		Plenary Lecture 08:30 - 09:30 Poster Sessions 09:30 - 13:15 Parallel Symposia 09:45 - 11:15	Parallel Symposia S01 Emergent concepts in axon guidance S02 Glutamate-dopamine cross-talk: from signaling pathways to disease S03 Synaptic structure and function illuminated by fluorescence and electron microscopy S04 Gamma oscillations and cognitive processing: linking coordination of individual neurons to behavior S05 Hypperexitability in fragile X syndrome: too much of a good thing? S06 Emergent principles for rhythm generation in motor systems	Neurobiological and neurogenetic bases of the link S20 between sleep, stress and depression Risk factors for vulnerability to addiction S21 In vivo functional recording of neuronal population activity S23 Control of goal-related actions and behavioural decision processing in the prefrontal cortex	Plenary Lecture PLO6 Gilles Laurent (Frankfurt, Germany) Parallel Symposia S33 Development and function of GABA circuits MicroRNAs in brain development and function Protein shuttling in synapse-to-nucleus signalling Adult cortical plasticity Deciphering the physiology and function of hippocampal area CA2 S38 Cell and gene therapy approaches in retinal degenerations Coding others' behaviour in the monkey primary motor and premotor cortex Pharmacological and optogenetic control of cognition	Plenary Lecture PLO8 Christine Holt (Cambridge, UK) Parallel Symposia S49 Early cortical circuits Epigenetic control of neuronal function Old but new synaptic organizers: diverse but common mechanisms S52 Synaptic deficits in intellectual disability disorders Auditory cortical tuning to natural sounds S54 Functional and anatomical heterogeneity in the midbrain dopamine system midbrain dopamine system S55 The stressed social brain S66 Generalization of emotional memories: from neural circuits to anxiety disorders
Technical Workshops 12:30 - 15:30	kshops 0 - 15:30 From synapses to network oscillations: high resolution recording techniques W02 Optical measurement and manipulation of neural circuits in transparent animal models W03 Novel trans-synaptic tracing approaches for functional-anatomical studies of neuronal circuits W04 Closed-loop methodology in neural systems W05 New approaches to understand astrocyte-neuron interactions in health and disease Epigenomic landscapes of the adult brain: implications in neuroplasticity and brain disorders	11:15 - 13:15 Special Lectures & Events 13:00 - 13:45 Poster Sessions 13:30 - 17:30 13:30 - 15:30 Parallel Symposia 15:45 - 17:15	Poster Authors in Attendance Special Lectures SL01 The Brain Prize 2013 (12:30 - 14:00) Ed Boyden (Boston, USA) Georg Nagel (Würzburg, Germany) Gero Miesenböck (Oxford, UK) SL02 EBBS / Behavioural Brain Research Prize Carmen Sandi (Lausanne, Switzerland) Poster Authors in Attendance Parallel Symposia 509 Transcriptional control of tangential neuronal migration in the developing brain 510 Decoding serotoninergic systems and their impact on cortical circuit formation 511 Development and function of left-right circuit asymmetries in the brain 512 Mechanisms of microglia phagocytosis in health and disease 513 Local protein synthesis: role in memory formation and dysfunction in autism and Alzheimer's disease 514 Spotlight on olfaction: from odorant receptors to behaviour 515 Linking neural circuits to behavior in zebrafish 516 Lateral entorhinal cortex: interface for hippocampal episodic memory	new therapies	Poster Authors in Attendance Special Lectures SLO6 Foundation IPSEN / Neuronal Plasticity Prize (12:30 - 14:00) Barry J. Everitt (Cambridge, UK) George F. Koob (La Jolla, USA) Michel Le Moal (Bordeaux, France) SLO7 IBRO - Kemall Prize Patrik Verstreken (Leuven, Belgum) SEric Kandel Prize Lecture Sonja Hofer (Basel, Switzerland) Poster Authors in Attendance Parallel Symposia S41 Axon guidance and targeting of retinal ganglion cells S42 Regional diversity of endocannabinoid signaling in action control S43 Cortical inhibition in single-neuron computations, network activities and sensory processing Variance and invariants in functional connectivity Interaction of genes and environment as risk factors for menta illness S46 Axonal transport: basic mechanisms and its pathogenetic role in brain diseases S47 What does cross-modal plasticity tell us about the way the senses interact during development? The integration of spatial maps across cortical areas	
Opening Ceremony 17:30 - 18:00 Plenary Lecture 18:00 - 19:00 Social Events	Anne Marie Craig (Vancoucer, Canada) Christopher I. Moore (Providence RI, USA) Marc Tittgemeyer (Cologne, Germany) Opening Ceremony Opening Plenary Lecture PL01 Ray Dolan (London, UK) Kavli Foundation lecture Social Events SE01 History Corner exhibition SE02 The Smile of the Mind exhibition	Plenary Lecture 17:30 - 18:30 Special Interest Events 18:45 Social Events 18:45	Plenary Lecture PL03 Pico Caroni (Basel, Switzerland) Special Interest Events SiE02 Women in Neuroscience (WiN) SiE03 Implementation of the EU Directive 63-2010 and international actions for promoting the use of animals in scientific research - FENS CARE event SiE04 William Safire Seminar on Neuroethics Social Events SE03 International Society for Serotonin Research Social Gathering SE04 International Synapse Championships SE05 Big Questions in Neuroscience SE06 YITP Meeting	Plenary Lecture PL05 Huda Zoghbi (Houston, USA) Special Interest Events SiE06 Building your Career: non-academic opportunities Social Events SE07 Neuroinformatics social - networking data, tools and people SE08 Meet top scientists and experts from German funding organizations at a speed-dating event SE09 Educational Course on manuscript and grant writing, effective poster or talk preparation	Plenary Lecture PLO7 Yoshiki Sasai (Kobe, Japan) Special Interest Events SiE07 Global Advocacy Event SiE08 New perspectives and training for education in Neuroscience (former AGM of the NENS schools) Social Events SE10 Starting your independent research career - Learn what Germany can do for you SE11 Next generation networks in neuroscience	