

Wiring the Brain: Making Connections

International Conference
April 12th - 15th, 2011
Powerscourt, Co Wicklow, Ireland



TENTATIVE PROGRAMME MARCH 2011

	Tuesday 12 th	Wednesday 13 th	Thursday 14 th	Friday 15 th
		Session 1: Making Connections	Session 3: From Genotype to Phenotype	Session 5: Connectivity
0900 - 0915		O2 Linda Richards <i>The development of commissural projections from the cingulate cortex</i>	O15 Michael Gill <i>Common Variants, Rare Variants and Hidden Heritability: Emerging Genetic Architecture for Psychiatric Disorders</i>	O28 Rosa Cossart <i>The Embryonic Origin of GABAergic Hub Neurons in the Developing Hippocampus</i>
0915 - 0930				
0930 - 0945		O3 Josh Huang <i>Towards a Genetic Dissection of GABAergic Inhibitory Circuits in Cerebral Cortex</i>	O16 Guy Rouleau <i>Genomic studies in neurodevelopmental disorders.</i>	O29 Bitá Moghaddam <i>Large Scale Neuronal Analysis as a Functional Endophenotype for Animal Models of Psychiatric Disorders</i>
0945 - 1000				
1000 - 1015		O4 Patricia Maness <i>Regulation of Thalamocortical Topography By L1 Family Neural Adhesion Molecules</i>	O17 Denis Gallagher <i>A Novel Role for Autism-Associated Ankr11 in the Developing Cerebral Cortex</i>	O30 Romke Rouw <i>Structural and Functional Connectivity in Grapheme-Color Synesthesia</i>
1015 - 1030		O5 Susan Harrison-Uy <i>The Meninges Regulates Cerebral Cortical Progenitor Cell Divisions and Neurogenesis</i>	O18 Rick Livesey <i>A human stem cell model of early Alzheimer's disease pathology in Down syndrome</i>	O31 Till Marquardt <i>Sensory-motor connectivity and pathway formation in mouse.</i>
1030 - 1100		Break	Break	Break
1100 - 1130	Arrival and Registration	O6 Ricardo Dolmetsch <i>Using iPS cells to study the underlying neurobiology of Autism Spectrum Disorders and other neuro-developmental diseases</i>	O19 Maria Karayiorgou <i>Linking DNA Structural Variation to Brain Dysfunction and Schizophrenia</i>	O32 Heidi Johansen-Berg <i>Changing brain connections with experience, learning and recovery</i>
1130 - 1200		O7 Pierre Vanderhaeghen <i>From Pluripotent Stem Cells to Cortical Circuits: Mechanisms and Implications for Neural Diseases</i>	O20 Akira Sawa <i>Translational Neuroscience of Schizophrenia: from Cell Biology to Brain Imaging</i>	O33 Bradley Schlaggar <i>Development of the Brain's Functional Network Architecture; Insights from Resting State fMRI</i>
1200 - 1215		O8 Artur Kania <i>Ephrin-mediated cis-attenuation of Eph receptor function in spinal motor axon guidance.</i>	O21 Daniela Tropea <i>Activity-dependent reorganization of circuits in mice mutants for candidate genes for neurodevelopmental disorders.</i>	O34 Lorna Lopez <i>A genome-wide search for genes related to the brains' white matter integrity</i>
1215 - 1230		O9 Aycan Senturk <i>EphrinBs are functional co-receptors for Reelin to regulate neuronal migration</i>	O22 David Porteous <i>The emerging roles of DISC1: a systems approach.</i>	O35 Presentation TBC
1230 - 1245		Lunch	Lunch	Lunch
1245 - 1300				
1300 - 1315				
1315 - 1330				
1330 - 1345		Poster Session I	Poster Session II	Poster Session III
1345 - 1400				
1400 - 1415				
1415 - 1430				
1430 - 1445				
1445 - 1500				
		Session 2: Circuit Dynamics	Session 4: Activity-Dependent Development and Plasticity	Session 6: From Brain to Mind
1500 - 1515		O10 Keynote Presentation Gyorgy Buzsaki <i>Brain Rhythms and Cell Assembly Sequences in the Service of Cognition</i>	O23 Keynote Presentation Carla Shatz <i>Releasing the Brakes on Synaptic Plasticity: PirB, MHC1 and NgR</i>	O36 Klaas Stephan <i>Neurocomputational models of brain connectivity and synaptic plasticity during (mal)adaptive cognition</i>
1515 - 1530				O37 Mark Johnson <i>Interactive Specialization: A framework for understanding postnatal functional brain development</i>
1530 - 1545				
1545 - 1600				
1600 - 1615	Optional Tour to Glendalough	Break	Break	O38 Daniel Bush <i>A unified computational model of the genetic regulatory networks underlying synaptic, intrinsic and homeostatic plasticity</i>
1615 - 1630				O39 Nelson Totah <i>Top-down attention during stimulus expectancy relies on cross-cortical phase synchrony between the medial prefrontal cortex and anterior cingulate cortex</i>
1630 - 1645		O11 Isabelle Mansuy <i>Epigenetics and the Effect of Early Trauma Across Generations</i>	O24 Melissa Hines <i>Testosterone and Human Neurobehavioral Development</i>	Break
1645 - 1700				
1700 - 1715		O12 Tomas Paus <i>Sex-hormone genes and connectivity in the adolescent brain</i>	O25 A. Meyer-Lindenberg <i>Missed Connections in Schizophrenia</i>	Panel Discussion
1715 - 1730				
1730 - 1745		O13 Ileana Haganu-Opatz <i>Oscillatory coupling of prefrontal-hippocampal-subcortical networks during early development</i>	O26 John Lee <i>An optophysiological investigation of behavioural habituation.</i>	
1745 - 1800		O14 Laura Cancedda <i>Non hyperpolarizing GABA B Receptors Regulate Neuronal Migration and Axon/Dendrite Growth and Specification by cAMP Pathway.</i>	O27 Victoria Knowland <i>A connectionist model of developmental regression in autism (and implications for the wider phenotype)</i>	
1800 - 1815				
1815 - 1830				
1830 - 1845				
1845 - 1900	O1 Keynote Presentation Christopher Walsh <i>Genetics of Human Cognitive Disorders</i>			
1900 - 1915				Johnnie Fox's Evening
1915 - 1930				1900 - Late Tickets Required
1930 - 2030	Welcome Reception			