

CONFERENCE PROGRAMME

Thursday 5th September 2024

Time	Session/Activity	Venue
8:30 - 9:00	Arrival Refreshments	Great Hall
9:00 - 9:45	Plenary Talk 6 - Lars Chittka - Social insects - ancient civilisations? Chair: Carolina Rezaval	Bramall
9:45 - 10:30	Session 10 - Gene expression and molecular neuroscience Chairs: Matthias Soller and Natalia Sanchez-Soriano 9:45 - 10:00 - Aaron Allen - Transcriptional diversity of rare cell types underlying sexually dimorphic behaviours. (O28) 10:00 - 10:15 - Guiyi Li - The Toll adaptor Wek is a partner of Yki driving adult neurogenesis and gliogenesis (O29) 10:15 - 10:30 - Francisco Antonio Martin - Searching for a conserved transcriptional memory trace (O30)	Bramall
10:30 - 11:00	Refreshment Break	Great Hall
11:00 - 11:45	Session 11 - Gene expression and molecular neuroscience Chairs: Matthias Soller and Natalia Sanchez-Soriano 11:00 - 11:15 - Julie Secombe - Transcriptional regulation of neuronal development and function by the histone demethylase KDM5 (O31) 11:15 - 11:30 - Sophie Waldron - Single cell transcriptomics reveal molecular correlates of protein hunger. (O32)	Bramall

	11:30 - 11:45 - Lukas Neukomm - Local translation sustains synaptic function in impaired Wallerian degeneration (O33)	
11:45 - 12:30	<p>Session 12 - Neural circuits & behaviour Chairs: Thomas Riemensperger and Moshe Parnas</p> <p>11:45 - 12:00 - Megan Day - Competition Fuels Risk-Taking by Inhibiting Threat-Induced Serotonin Pathways (O34) 12:00 - 12:15 - Anna Hobbiss - Actively Frozen - a novel pattern of leg muscle activity reveals flexible freezing states and anticipates movement onset in <i>Drosophila melanogaster</i> (O35) 12:15 - 12:30 - Dennis Goldschmidt - Multiple navigational strategies contribute to balancing exploration and exploitation during local search (O36)</p>	Bramall
12:30 - 14:00	Lunch and Posters	Great Hall
13:00 – 14:00	<p>Practical workshop: Bridging Connectomics and transcriptomics David Osumi-Sutherland</p> <p>For more information on this workshop, please click here</p>	G30
14:00 – 14:45	<p>Plenary Talk 7 - Bruno Van Swinderen - The predictive fly brain Chair: Thomas Riemensperger</p>	Bramall
14:45 – 15:30	<p>Session 13 - Neural circuits & behaviour Chairs: Carolina Rezaval and Moshe Parnas</p> <p>14:45 - 15:00 - Marion Silies - Heterogeneous synaptic connectivity in the visual system – causes and consequences (O37) 15:00 - 15:15 - Tihana Jovanic - Neural circuit mechanisms underlying flexible sensorimotor decisions in <i>Drosophila</i> (O38)</p>	Bramall

	15:15 - 15:30 - Marta Costa - Comparing male and female connectomes to quantify stereotypy and sexual dimorphism (O39)	
15:30 – 16:00	Refreshment Break	Great Hall
16:00 – 16:15	<p>Talks by Sponsors</p> <p>16:00 - 16:03 - Cairn Research 16:03 - 16:06 - DroBot Biotechnology Co., Ltd. 16:06 - 16:09 - RxCelerate 16:09 - 16:12 - GenetiVision 16:12 - 16:15 - Novogene Co., Ltd.</p>	Bramall
16:15 – 17:00	<p>Session 14 - Neural circuits & behaviour Chairs: Carolina Rezaval and Moshe Parnas</p> <p>16:15 - 16:30 - Davide Raccuglia - Sensory filtering in the tired and sleeping brain (O40) 16:30 - 16:45 - Cheng Huang - Dopamine-mediated interactions between short- and long-term memory dynamics in Drosophila Mushroom Body (O41) 16:45 - 17:00 - Ishaan Kapoor - Distributed Octopamine signalling prioritises expression of recently learned information (O42)</p>	Bramall
17:00 – 17:05	Prizes Awarded for NeuroFly Bags and T-Shirts	Great Hall
17:05 – 19:00	<p>Poster Session with Refreshments</p> <p>Click here to view today's posters</p>	Great Hall
19:15 – 00:00	Conference Dinner	Botanical Gardens