

Programme

Wednesday, 20 September 2023

9:00 - 11:00 Registration

11:00 - 11:20 Welcome

11:20 - 11:55 **Keynote Speaker - Megan Carey**
TBA

11:55 - 12:25 **Keynote Speaker - Daniela Vallentin**
Neural mechanisms of vocal learning and production in songbirds

12:25 - 13:00 **Roundtable Discussion**

13:00 - 15:00 Lunch

15:00 - 17:00 **Students Talks - Session 1**

Giacomo Costalunga *A Supernormal Song Stimulus Enhances Behavioral and Neural Responses in Nightingales*

Livia Vignozzi *In vivo Investigation of Putative Neuronal Biomarkers for Recovery in a Mouse Model of Stroke*

Alice Adiletta *Unravelling the link between dopaminergic functioning and social behaviour in a chick model of Autism Spectrum Disorder*

Alina Schaffer *Innovation across 13 ungulate species*

17:00 - 19:00 **Poster Session 1**

Thursday, 21 September 2023

9:00 - 10:40 **Students Talks - Session 2**

Filipe S. Rodrigues *Using temperature to analyse the neural basis of a time-based decision*

Mélanie Court *Acute and Chronic Low Oxygen Compromise The Survival and Cognition of a Coastal Cephalopod*

Angelo Guadagno *Does social hierarchy affect executive function abilities and brain morphology?*

Alena Fišerová *Interspecific competition between the Great spotted woodpecker (*Dendrocopos major*) and the Syrian woodpecker (*Dendrocopos syriacus*)*

Angelique Grahn *Occurrences and effects of ocular malformations in jumping spiders (Araneae: Salticidae)*

10:40 - 11:15 Coffee Break

11:15 - 13:00 **Students Talks - Session 3**

Elena Collins *The Neural Control of Gait Switching in Larval Zebrafish*

Maria Bortot *A theory of magnitude: Insights from honeybees*

Anita Szabo *Problem Solving and Physical Cognition in Two Passerine Species*
Juan Castiñeiras *Signatures of Control-Limited Perceptual Decision Making in Freely Moving Rats*
Ondřej Fišer *Beware of My Face: The Role of Facial Configuration in Predator Recognition*

13:00 - 15:00 Lunch

15:00 - 15:35 **Keynote Speaker - Marta Moita**
TBA

15:35 - 16:10 **Keynote Speaker - Gilles Laurent**
On Sleep, Camouflage and Brain Evolution

16:10 - 17:00 **Roundtable Discussion**

17:00 - 19:00 **Poster Session 2**
Street art event: Science on the walls

Friday, 22 September 2023

9:00 - 9:35 **Keynote Speaker - Carlos Ribeiro**
The gourmet fly: dissecting the mechanisms by which internal states shape brain function and behavior

9:35 - 10:10 **Keynote Speaker - Giuliano Iurilli**
A mechanosensory feedback that uncouples external and self-generated sensory responses

10:10 - 10:45 **Roundtable Discussion**

10:45 - 11:15 Coffee Break

11:15 - 13:00 **Students Talks 4**
Srikrishna Narasimhan *Problem-solving through individual cognition in invasive social insects*
Giulia Bigazzi *The hybrid delay task reveals self-control individual variability in bumblebees (*bombus terrestris*)*
Piero Seddaiu *Early Life Sociality and Social Learning in Piglets (*Sus scrofa*)*
Faezeh Rabbani *Dissecting cortical circuits underlying non-sensory spontaneous activity in the mouse visual cortex*
Thomas Wagner *Nestmate Corpses Act as Negative Stimuli for Ants: Implications for Ant Behaviour and Control Strategies*

13:00 - 15:00 Lunch

15:00 - 17:00 **Poster Session 3**
Best talk & best poster awards

17:00 - 19:00 **Happy Hour**