

FENS-HERTIE WINTER SCHOOL 2023

"NEUROSCIENCE OF MENTAL HEALTH"

3 – 9 December 2023

Obergurgl University Center, Austria

Scientific Chairs:

Prof. Jonathan Roiser, Prof. Patrizia Campolongo & Prof. Carmen Sandi

Programme

Sunday 3rd December

17:30 - 19:00 **Registration & Welcome Drink**

19:00 - 20:30 *Dinner*

20:30 - 22:00 School introduction by co-chairs
Participants' introduction
FENS CHET presentation

Monday 4th December

08:00 - 09:30 **Jonathan Roiser**
University College London, United Kingdom
The neural and cognitive mechanisms driving disrupted motivation in depression

09:30 - 09:50 *Coffee break*

09:50 - 11:20 **Christina Dalla**
National and Kapodistrian University of Athens, Greece
Sex differences in mental health: insights from animal models and novel pharmacological targets

11:20 - 15:30 *Lunch at University Centre – Beginner ski lesson – Free time*

15:30 - 16:00 *Coffee break*

16:00 - 17:30 **Poster session 1**

17:30 - 18:30 **Student-led Q&A**

19:00 - 20:30 *Dinner*

20:30 - 22:00 **Free time**

Tuesday 5th December

- 08:00 - 09:30 **Peter Dayan**
Max Planck Institute for Biological Cybernetics, Germany
Peril, prudence and planning: Individual differences in risk sensitivity
- 09:30 - 09:50 *Coffee break*
- 09:50 - 11:20 **Angela Roberts**
University of Cambridge, United Kingdom
Understanding symptoms and treatment of mental illness from a prefrontal and translational perspective
- 11:20 - 15:30 *Lunch at Zirben Alm – Free time*
- 15:30 - 16:00 *Coffee break*
- 16:00 - 17:30 Poster session 2
- 17:30 - 18:30 Student-led Q&A
- 19:00 - 20:30 *Dinner*
- 20:30 - 22:00 Scientific publishing and the eLife model (facilitated by Jonathan Roiser)

Wednesday 6th December

- 08:00 - 09:30 **Mathias Schmidt**
Max Planck Institute of Psychiatry, Germany
Routes to enhance stress resilience: From definition and assessment to successful manipulation
- 09:30 - 09:50 *Coffee break*
- 09:50 - 11:20 **Patrizia Campolongo**
Sapienza University of Rome, Italy
Memory, Endocannabinoids and PTSD
- 11:20 - 15:30 *Lunch at University Centre – Snow walk – Free time*
- 15:30 - 16:00 *Coffee break*
- 16:00 - 17:30 **Dominique de Quervain**
University of Basel, Switzerland
Stress, genes and human memory: from basic mechanisms to clinical implications
- 17:30 - 18:30 Session on careers
- 19:00 - 20:30 *Dinner*
- 20:30 - 22:00 Karaoke

Thursday 7th December

- 08:00 - 09:30 **Jennifer Felger**
Emory University School of Medicine, United States
Role of Inflammation in Depression: Neurobiological Mechanisms and Therapeutic Implications
- 09:30 - 09:50 *Coffee break*
- 09:50 - 11:20 **Adam Kepecs**
Washington University in St. Louis, United States
Mistuned brain circuits and broken mental algorithms: a cross-species approach to psychiatry
- 11:20 - 15:30 *Lunch at Zirben Alm – Free time*
- 15:30 - 16:00 *Coffee break*
- 16:00 - 17:30 Poster session 3
- 17:30 - 18:30 Student-led Q&A
- 19:00 - 20:30 *Dinner*
- 20:30 - 22:00 ALBA session – aspects of diversity (facilitated by Carmen Sandi and Patrizia Campolongo)

Friday 8th December

- 08:00 - 09:30 **Carmen Sandi**
Swiss Federal Institute of Technology Lausanne, Switzerland
Mitochondria and mental health
- 09:30 - 09:50 *Coffee break*
- 09:50 - 11:20 **Stefan Borgwardt**
University of Lübeck, Germany
Title TBC
- 11:20 - 15:30 *Lunch at Zirben Alm – Free time*
- 15:30 - 16:00 *Coffee break*
- 16:00 - 17:30 **Miriam Melis**
University of Cagliari, Italy
Dopamine and the origins of stress-related psychopathology
- 17:30 - 18:30 Conclusions by co-chairs, Wrap-up & Feedback session
- 19:00 - 22:00 *Dinner & Farewell party*

Saturday 9th December

Breakfast and departure