

ISBN Program 2016

Conference Venue: The welcome reception and all talks will be held at the Inter University Centre (IUC), Don Frana Bulića 4

Monday July 11

6.30-8.30 pm Welcome Reception, IUC Courtyard

Tuesday July 12

Symposium: New perspectives on episodic memory and aging

Session chair: Audrey Duarte, Georgia Institute of Technology, USA

9.00-9.30 Remembering the good and the bad: Emotional memory retrieval across the adult lifespan

Elizabeth Kensinger, Boston University, USA

9.30-10.00 Investigating the scaffolding theory of aging across multiple cognitive domains

Nancy Dennis, Penn State University, USA

10.00-10.30 Disentangling cognitive control contributions to age-related associative memory impairments

Audrey Duarte, Georgia Institute of Technology, USA

10.30-10.50 Coffee break

10.50-11.20 Cross-Cultural Differences in Memory with Age

Angela Gutches, Brandeis Universities, USA

11.20-11.50 Context memory function in middle aged adults with vs. without risk factors for AD

Natasha Rajah, McGill University, Canada

11.50 – 12.00 General discussion

12.00 - 2.00 Lunch break

2.00-4.00 Traditional Presentations

Session chair: Karen Rodrigue

2.00 – 2.20 Frontal modulation supports working memory performance in middle-aged and older adults

Kennedy, Kristen M., Rodrigue, K. M.

2.20 – 2.40 Accelerated Longer Term Forgetting in Patients with Focal Epilepsy: Rates and Underlying Causes

Miller, Laurie, Flanagan, E., Mothakunnel, A., Thayer, Z.

2.40 – 3.00 Accelerated long term forgetting in children with epilepsy

Gascoigne, Michael*, Webster, R., Barton, B., Gill, D., Smith, M. L., Antony, J., Lah, S.

3.00 – 3.20 Accelerated long-term forgetting in children: Is this a seizure related phenomenon?

Lah, Suncica, Grayson-Collins, J., Parry, L., Black, C., Gott, C., Barton, B., Webster, R., Gill, D., Epps, A., Gascoigne, M.

3.20 – 3.40 Chemogenetic silencing of the midline and intralaminar thalamus blocks amygdala-kindled seizures
Forcelli, Patrick, Wicker, E.

3.40 – 4.00 Dissociable effects of perceptual and conceptual fluency on familiarity and recollection
Taylor*, Jason

4.00-4.30 Coffee break

4.30-5.50 Traditional Presentations

Session chair: John Desmond

4.30 – 4.50 Understanding left and right in the brain
Ocklenburg*, Sebastian

4.50 – 5.10 Automatic recruitment of the motor cortex by poorly attended graspable objects
Harris, Irina, Behrens, A., McNair, N.

5.10 – 5.30 On the outskirts of cognition: highlighting the functional role of the mediodorsal thalamus
Mitchell, Anna

5.30 – 5.50 Non-invasive neuromodulation combined with intensive cognitive and physical rehabilitation induces neuroplastic changes in patients with multiple sclerosis - an fMRI study
Ptito, Alain, Leonard, G., Lapierre, Y., Crane, J., Chen, J.-K., Wardini, R. (Work in progress)

Wednesday July 13

Symposium: Prefrontal network contributions to cognition

Session chair: Paula Croxson, Icahn School of Medicine at Mount Sinai, New York, USA

9.00 - 9.30

Introduction: The prefrontal cortex and beyond
Paula Croxson

9.30 – 10.00 Neural circuits associated with behavioral flexibility in humans and monkeys
Jerome Sallet, Dept. of Experimental Psychology, University of Oxford, UK

10.00 – 10.30 Prefrontal and mid cingulate neurophysiological markers and cognitive performance are dissociated during slow progressive dopamine lesion
Charlie Wilson, Stem Cell & Brain Research Institute, INSERM U846, Lyon, France.

10.30-10.50 Coffee break

10.50-11.20 How instructions and expectations shape pain and aversive learning
Lauren Atlas, National Center for Complementary and Alternative Medicine, NIH, Bethesda, USA

11.20-11.50 Beyond the prefrontal cortex: Discovering prefrontal function through its interactions

Yogita Chudasama, Department of Psychology, McGill University, Canada

11.50 – 12.00 General discussion

12.00-2.00 Lunch break

2.00-3.30 **ISBN Business meeting**
(ISBN members only)

3.30- 4.00 Break

4.00 **Presidential lecture**

Development of connectivity in the human cerebral cortex

Prof. Milos Judas

Croatian Institute for Brain Research
School of Medicine in Zagreb

6.00 Banquet dinner, Restaurant Dubrovnik, Marojice Kaboge 5

Thursday July 14 - all day trip

9.00 - 4:15 Excursion to Elaphiti Islands. Meet at IUC at 8:45am for 9am departure

Friday July 15

9.00 – 10.40 **Traditional Session/Work in Progress**

Session chair: Ellemarije Altena

9.00 – 9.20 Colliculo-pulvinar pathway to the amygdala: Behavioral effects and anatomical connections

Malkova, Ludise, Saunders, R.C., Forcelli, P.A.

9.20 – 9.40 Identifying the Neurocognitive Determinants of HIV-Risk Behaviors

Marvel, Cherie, Anderson, B., Mandel, J., Sacktor, N. (Traditional presentation)

9.40 – 10.00 Dissociating memory and executive dysfunction in Parkinson's disease

Cohn, Melanie

10.00 – 10.20 Multimodal brain imaging investigation of spatio-temporal dynamics of the response to emotional distraction

Dolcos, Florin, Moore, M., Iordan, A., Katsumi, Y., Larsen, R., Maclin, E., Shafer, A., Singhal, A., Dolcos, S., Sutton, B., Fabiani, M., Gratton, G.

10.20 – 10.40 Under watchful eyes: The impact of social observation on performance monitoring in social anxiety disorder

Peterburs, Jutta, Voegler, R., Straube, T.

*denotes prospective members