



INTERNATIONAL SOCIETY FOR BEHAVIOURAL NEUROSCIENCE

MEETING SCHEDULE

ISBN 2019 Taormina, Sicily: Organizer Nancy Dennis

**Denotes prospective members*

SUNDAY, JUNE 16

6:00-7:30 PM: *Opening Reception* (Bar Terrace at Hotel Villa Diodoro)

MONDAY, JUNE 17 All talks and breaks to be held in *Sala Giardino*. Coffee, Tea, Water available throughout the day.

8:30-10:30 AM *Symposium I: Diffusion-based imaging of grey and white matter: Techniques and interpretations (Organizers: Sebastian Ocklenburg & Tomas Paus)*

8:30-9:00 **Tomas Paus** – “Virtual histology: A tool for decoding neurobiology underlying MRI-based properties of the human cerebral cortex”

9:00-9:30 **Sebastian Ocklenburg** – “Hemispheric Asymmetries of Neurite Density and Organization: Relation to Language”

9:30-10:00 **Kristen Kennedy** – “Aging of Neurite Density and Organization: NODDI across the Adult Lifespan”

10:00-10:30 **Zdenka Pausova** - “Obesity, inflammation and diffusion properties of the human brain”

10:30-10:50 *Coffee & Snack Break*

10:50-11:50 *Works in Progress Talks (10 min + 10 min questions)*

10:50-11:10 **Muireann Irish** – “Elevation of mind-wandering in semantic dementia - clinical and neural correlates”

11:10-11:30 **Karin Schon** – “Impact of racism-related chronic stress on brain aging in Black seniors: A work-in-progress report”

11:30-11:50 **Florin Dolcos** – “Translating Cognitive Neuroscience Findings to Benefits Outside the Lab: Evidence from a Novel Emotion Regulation Intervention”

12:00-1:30 *Lunch (on your own)*

1:30 PM-4:10 PM: *Traditional Talks (15 min + 5 min questions)*

1:30-1:50 **Jutta Peterburs** – “It's all about chocolate! The impact of subjective preferences on active and observational outcome processing”

1:50-2:10 **Natasha Rajah** – “Sex differences in the neural correlates of spatial context memory decline in healthy aging”

2:10-2:30 **Simon Davis*** - “The left and right cerebral hemispheres collaborate to complete complex cognitive tasks”



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2:30-2:50 **Janine Kwapis*** - "Epigenetic regulation of the circadian gene Per1 contributes to age-related impairments in long-term memory"

2:50-3:10 *Coffee & Snack Break*

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3:10-3:30 **Timothy Jarome*** - "Sex-dependent differences in the engagement of the ubiquitin-proteasome system during fear memory formation"

3:30-3:50 **Peggy St. Jacques*** - "A new perspective on visual perspective in memory"

3:50-4:10 **Dale Stevens*** - "Re-differentiating the aging brain: Neuromodulation approaches to reversing age-related neurocognitive decline"

TUESDAY, JUNE 18

8:00 AM- 6:30 PM: *All day excursion to Mt Etna and Taormina Tour* (meet at hotel lobby to walk to bus terminal at 7:45 am)

ETNA TOUR pick up at bus terminal **8:00am**

map to bus terminal from hotel:

<https://www.google.it/maps/dir/Hotel+Villa+Diodoro,+Via+Bagnoli+Croci,+Taormina,+ME/Terminal+Interbus+Taormina,+Piazza+Luigi+Pirandello,+98039+Taormina+ME/@37.8516442,15.292337,18z/data=!3m1!4b1!4m14!4m13!1m5!1m1!1s0x13141198a22a5407:0x9409148324e2a930!2m2!1d15.2913953!2d37.8502934!1m5!1m1!1s0x131411a1d01b18c5:0xa03a4c06476dbd08!2m2!1d15.2941068!2d37.8529405!3e2>

WEDNESDAY, JUNE 19

8:30 AM – 12:00 PM: **Symposium II: *Multidimensional perspectives on decision-making: From lab to life* (Organizers: Gary Turner & Natalie Ebner)**

8:30-8:45 **Gary Turner** – Introduction and Overview to Symposium

8:45-9:15 **Ludise Malkova** – "Neural circuitry underlying reward-based decision making in monkeys"

9:15-9:45 **Anna Mitchell** – "Decision-making (updating) in an uncertain reward environment after mediodorsal thalamus or perirhinal cortex lesions"

9:45-10:15 **Nicolaas Puts*** - "The role of GABA and glutathione in the valuation of decision-making effort before and after fatigue"

10:15-10:45 *Coffee & Snack Break*

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10:45-11:15 **Anne Krendl** – "Dysregulation in intrinsic network connectivity predicts age-related deficits in social decision-making"

11:15-11:45 **Natalie Ebner** – "Decision-making online and offline: Determinants of susceptibility to (cyber-)deception in later life"



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11:45-12:00 **Gary Turner** – Integration and Summary of Symposium

12:00-1:30 *Lunch (on your own)*

1:30-3:10 PM **Traditional Talks** (15 min + 5 min questions)

1:30-1:50 **Nathan Spreng*** - “The creative aging brain: Functional brain networks associated with divergent thinking in older and younger adults”

1:50-2:10 **Bradley Buchsbaum*** - “Convergence of objective and subjective indices of episodic memory”

2:10-2:30 **Jessica Andrews-Hanna** – “The Dynamics of Thought: A Window into Wandering and Sticky Minds”

2:30-2:50 **Nancy Dennis** – “How configural differences in item-item associations influences the neural representation of information and its relationship to subsequent memory”

2:50-3:10 **Michael Beachamp*** - “Models and Mechanisms of Multisensory Speech Perception”

3:10-3:30 *Coffee & Snack Break*

3:30-4:30 PM **Presidential Lecture:** Dr. Leonardo Chelazzi, Professor, Department of Neurosciences, Biomedicine and Movement Sciences - Section of Physiology and Psychology, University of Verona. “Altering Priority Maps for the Guidance of Spatial Attention: The Role of Reward and Statistical Learning”

6:30-9:30 PM **Banquet Dinner** (located at [Casa Niclodi](#), Salita Alexander Von Humboldt 2)

THURSDAY, JUNE 20

8:30-10:50 AM **Traditional Talks** (15 min + 5 min questions)

8:30-8:50 **Elizabeth Race** – “Electrophysiological signatures of inattention that predict forgetting”

8:50-9:10 **Donna Rose Addis** – “Creative, internally-directed cognition is associated with reduced BOLD variability”

9:10-9:30 **Joshua Ewen** – “Children with ADHD show increased mirror overflow and decreased beta ERD compared with TD peers”

9:30-9:50 **Rosanna Olsen** – “Can older adults use covert attention to protect their memory from distraction?”

9:50-10:10 **Christine Smith** – “Factors, other than amnesia, that predict performance on tests of news event memory”

10:10-10:30 **Stefan Kohler** – “Mechanisms involved in assessing the cumulative experience with objects accrued over a lifetime”



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10:30-10-50 **Angela Gutchess** – “Cultural Differences in Memory or Perception? (*Work in Progress*)

10:50-11:10 *Coffee & Snack Break*

11:10- ***Business Meeting (members only)***

12:30-ish – *Conference Concludes*
