

PROGRAMME 2009 SBI Researchers Retreat on SANDHAMN

September 7

- 08.00 **Departure from Strandvägen**
Kajplats 18, with taxi boat Madame. Breakfast and discussions on board
- 10.30-11.00 **Arrival and check in**
- 11.00-11.15 **Update on SBI activities / General SBI information**
Hans Forssberg, Åsa Hedberg
- 11.15-12.15 **Keynote lecture John O'Doherty**
Fractionating value-based decision making into its component processes: insight from fMRI
- 12.15-13.45 **Lunch**
- 13.45-14.10 **SBI Science (session #1)** Chairman: Henrik Ehrsson
Andreas Olsson
Beyond association: The cognitive neuroscience of social fear learning
- 14.10-14.25 Julia Uddén
A matter of time: Implicit acquisition of recursive sequence structures
- 14.25-14.40 Petter Marklund
Exploring neural mechanisms underlying the g-factor: An fMRI study of semantic categorization
- 14.40-14.55 Fiona McNab
Changes in cortical dopamine D1 receptor binding associated with cognitive training
- 15.00-15.30 **Coffee break**
- 15.30-15.55 **SBI Science (session #2)** Chairman: Ivanka Savic Berglund
Sverker Sikström
Modelling free recall in an attractor memory network with fast Hebbian synaptic plasticity
- 15.55-16.10 Andrea Varrone
High-resolution PET imaging of small brain nuclei with the HRRT. A tool for improved characterization of neurotransmitter systems in the human brain
- 16.10-16.25 Jonas Olofsson
Effects of a Benzodiazepine Agonist on event-related potentials during affective perception and memory
- 16.45-17.45 **Guided tour of Sandhamn.** We meet up on the pier outside the hotel.
- 18.00-19.30 **Poster session**
- 19.30 **Dinner & Pub**

STOCKHOLM **BRAIN** INSTITUTE

September 8

- 08.30-08.45 **SBI Science (session #3)** Chairman: Anders Lansner
Mouna Esmaeilzadeh
Towards a novel treatment of Huntington's disease
- 08.45-09.00 Jesper Ericsson
Cellular properties of lamprey striatal neurons
- 09.00-09.15 Rochellys Diaz Heijtz
Deficient motor coordination and altered monoamine transmission in a genetic animal model of ADHD
- 09.15-09.30 Hristina Jovanovic
Effects of an extra X-chromosome on serotonergic neurotransmission in humans
- 09.30-09.55 Erik Fransén
Studies of non-selective cation (TRPC) channels and transient A-type (Kv4.2) potassium channels. Relevance to physiology and disease
- 09.55-10.15 **Coffee break**
- 10.15-10.40 **SBI Science (session #4)** Chairman: Torkel Klingberg
Göran Söderlund
Auditory white noise enhances cognitive performance under certain conditions: Explaining the moderate brain arousal model
- 10.40-10.55 Stefan Wiens
When emotion conflicts with attention: Ignoring emotional pictures
- 10.55-11.10 Valeria Petkova
Ownership of entire bodies
- 11.10-11.30 **Concluding remarks**
Hans Forssberg
- 11.50 **Departure for Stavsånäs**
Sandwiches and mineral water on board Askungen.
Bus from Stavsånäs at own expense.