

Program for the 3rd National PhD Conference in Neuroscience

Panorama Hotel, Sotra, 21-23 September 2015

Monday 21 September

- 16:15 Bus departure from Flesland airport (for all participants, also those from Bergen)
- 17:30 Arrival at Sotra
- 17:30-18:30 Check in, refreshments, poster mounting
- 18:30-18:45 **Welcome talk by Professor Menno Witter, NTNU - Scientific director NRSN**
- 18:45-20:00 **Opening lecture and discussion: "The scientific career"**
Ass. Prof. Emre Yaksi, NTNU and Dr. Nathalie Jurisch-Yaksi, NTNU
- 20:00-23:00 Buffet dinner. Mixing and mingling.

Tuesday 22 September

- 07:00-08:00 Rise and shine! Optional activities: yoga, jogging, fishing – [sign up here](#)
- 07:00-09:00 Breakfast
- 09:00-10:00 **Oral session I: Genetic, molecular and cellular neuroscience**
Chairs: Rishab Chawla (UiO), Abdolrahman Khezri (NMBU)
 - Ane Charlotte Christensen (UiO): *"The role of extracellular matrix molecules for spatial representations and plasticity in entorhinal cortex."*
 - Anders Lunde (UiO): *"Gene expression profiling by RNA-sequencing and immunohistochemistry of the developing vestibulospinal system."*
 - Charlotte Jendresen (UiO): *"Heparan sulfate fragmentation lowers amyloid burden in Alzheimer disease transgenic mice."*
 - Eirik Stamland Nilssen (NTNU): *"Local connectivity and immunoreactivity of principal cells in layer II of lateral enthorinal cortex."*
 - Shreyas Rao (UiO): *"Upregulation of astrocity dystroglycan upon hypotonic stress."*
- 10:00-10:15 Break
- 10:15-11:15 **Oral session II: Clinical neuroscience**
Chairs: Aliona Nacu (UiB), Kristina Skåtun (UiO)
 - Nathalia Zak (UiO): *"A longitudinal study of cortical thickness in bipolar disorder type II."*
 - Intakhar Ahmad (UiB): *"Legumain and SLC7A5 protein in the early processes of Multiple Sclerosis (MS) pathology."*
 - Kjetil Vikene (UiB): *"Perception of complexity in rhythm in PD."*
 - Agnes Balint Bjørke (UiO): *"Is temporal lobe epilepsy with hippocampal sclerosis a neurodegenerative condition?"*
 - Emanuel Neto (UiB): *"Discrimination of dementia patients using novel EEG spectral features."*
- 11:15-11:30 Break

11:30-12:15	Workshop: How to succeed with your poster presentation?
12:15-13:30	Lunch
13:30-14:15	Blitz session I (PhD students with poster, 60 sec each)
14:15-15:15	Poster session I
15:15-15:30	Short break
15:30-16:30	Keynote lecture: "The plastic human brain" <i>Professor Lutz Jäncke, Neuroscience Center Zurich</i>
16:30-17:00	Break and light snack
17:00-18:00	Oral session III: Cognitive neuroscience and neuropsychology Chairs: Kjetil Vikene (UiB): Violeta Botellero (NTNU)
	<ul style="list-style-type: none"> • Cecilie Skaftnes (UiO): <i>"Deficits in inhibitory mechanisms after exposure to life-threatening events."</i> • Magnus Holth (NTNU): <i>"Coupling perception, action and cognition in estimating successful contact-timing of a moving object."</i> • Alexandra Vik (UiB): <i>"Changes in resting state fMRI connectivity in normal aging is associated with introspective reports of experience of memories."</i> • Aleksander Hagen Erga (SUS): <i>"A population-based study of impulse control disorders in Parkinson's disease: the Norwegian ParkWest study."</i> • Ragnhild Bø (UiO): <i>"Dissociated decision-making process in binge drinkers and relation to sensation seeking."</i>
18:00-20:00	Resting state (free time)
20:00-22:00	Fun 'n' fancy dinner
22:00-	Social evening

Wednesday 23 September

07:00-09:00	Breakfast
09:00-09:45	Blitz session II (PhD students with poster, 60 sec each)
09:45-11:00	Poster session II
11:00-11:30	Poster demounting/check out
11:30-12:30	Oral session IV: Systems and computational neuroscience Chairs: Christin Berndtsson (NTNU), Rishab Chawla (UiO)
	<ul style="list-style-type: none"> • Benjamin Kanter (NTNU): <i>"Transgenic activation of medial entorhinal cortex similarly alters spatial firing properties of CA3 and CA1 place cells."</i> • Tammo Ippen (NMBU): <i>"NESTML: A Domain Specific Language for Creating Neuron and Synapse Models for the NEST Simulator."</i> • Ewelina Bartoszek (NTNU): <i>"Brain-wide connectivity underlying habenular activity in zebrafish (danio rerio)."</i> • Andreas Solbrå (UiO). <i>"Novel scheme for modeling ion dynamics in 3D neural tissue."</i> • Bartul Mimica (NTNU). <i>"Cognitive demand dependent changes in neural coding of self-motion in parieto-frontal circuits in rats."</i>
12:30-13:30	Lunch
13:30-14:00	Closing session. Awards, conclusive remarks



Norwegian Research School in Neuroscience

14:30 Bus departure for Flesland airport

16:00 Arrival at Flesland airport