**ONWAR Cognitive Neuroscience Course 2024**

*Location: Netherlands Institute for Neuroscience (NIN): 2nd floor ‘colloquium zaal’ (please sign in at reception);*

*O2 building, 12th floor, room 12E65.*

*Course Organizers:*

Dr. Matthew Self & Dr Ismail Koubiyr

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**Monday 5th February (NIN)**

13.30 – 16.30: Introduction to the course

Course Structure

Introduction to Cognitive Neuroscience

Primers on techniques used in Cognitive Neuroscience

**Dr. Matthew Self & Dr. Ismail Koubiyr**

**Tuesday 6th February (NIN)**

Perception, attention and working memory

9.30 –10.30 **Dr. Matthew Self** *“Cognitive Vision”*

10.30 –11.30 **Dr. Dirk van Moorselaar** *“Title to be confirmed”*

*Lunch*

13.00 – 14.00 **Dr. Freek van Ede** *“Preparing the future through visual working memory”*

14.00 – 15.00 **Dr. Jan Willem de Gee** *“Title to be confirmed”*

*Coffee*

15.30 – 16.30  **Dr. Jake Westerberg** “*Attention studies in non-human primates*”

16.30 – 17.30 **Dr.** **Matthew Self** *“Studying attention with fMRI and EEG”*

**Wednesday 7th February (NIN)**

9.30 –10.30 **Training animals on cognitive tasks (practical)**

10.30 –11.30 **Tour of Primate Facility**

**Thursday 8th February (O2)**

10.00 – 11.15 **Dr. Tom Fuchs** “*Clinical perspectives and structural correlates of cognition in MS*”

Coffee

11.45 – 13.00 **Dr. Tommy Broeders** “*Role of functional MRI in studying cognition in neurological and psychiatric diseases*”

Lunch

14.00 – 17.30 **Hands-on** “*How to use fMRI data to explain cognitive performances*”

**Friday 9th February (NIN)**

9.00 –10.00 **Dr. Freyja Ólafsdóttir** *“Role of hippocampal replay in memory and planning”*

10.00 –11.00 **Dr. Matthew Self** *“Medial-temporal lobe studies in humans”*

11.00 – 12.00 **Dr. Francesca Siclari** *“*The neurophysiology of sleep and dreaming*”*

*Lunch*

13.30-14.30**Dr. Christian Keysers** “Social Cognition”

14.30-15.30 To Be Confirmed / Closing Comments

16.00 – 17.00 You are welcome to attend the NIN symposium (title will be announce later) and borrel (starting at 17u).