# IGSN · SYMPOSIUM

Monday,  October 9<sup>th</sup>  2017·  15.00  ( 3 pm )         FNO – 01 / 117

# Integrated neuronal and cognitive models

**15:00**   **ALFREDO WEITZENFELD**
Department of Computer Science and Engineering, University of South Florida, USA

**A multi-scale Spatial Cognition Model integrating Grid Cells and Place Cells**

**16:00**   **BENOÎT GIRARD**
Institute for Intelligent Systems and Robotics, University Pierre & Marie Curie & National Center for Scientific Research, Paris, France

**Function agnostic basal ganglia models, which perform action selection and oscillate under dopamine depletion**

17:00   Coffee break

**17:15**   **JAMES MARSHALL**
Complex Systems Modelling Group, Department of Computer Science, University of Sheffield, UK

**Attempting to model an entire 'cognitive' mini-brain**

**Host**:
RICHARD GÖRLER
Institute of Neuroinformatics, Ruhr University Bochum

**Guests are welcome!**

**SFB 874**
**DFG**

**International Graduate School of Neuroscience**
Ruhr-University Bochum