



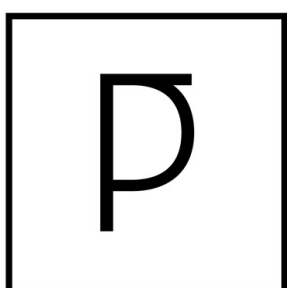
SCALING UP THE BAYESIAN BRAIN

8th January 2020
Nova University of Lisbon

ORGANISERS:

**INES HIPOLITO, GLORIA ANDRADA,
ROBERT CLOWES**

register by email to inesh@uow.edu.au



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The Bayesian brain is typically the view that there are intelligent approximations to inferences supposedly happening at underlying neural mechanisms. This conference focuses on the philosophical framing of inference mechanisms, in terms of neural networks and cognitive function such as memory, and on the question of how they scale up or form the basis of paradigmatically intelligent cognitive activities.

Programme

14-14.40 pm

Challenges to Bayesian Neural Networks

Ines Hipolito (University of Wollongong)

14.40-15.20 pm

Back to the future: The Active Nature of Remembering

Laura Convertino (University College London)

15.20-16 pm

Predictive Processing and the Feeling of Ipseity

Robert Clowes (Nova University of Lisbon)

16-16.20 Coffee break

16.20-17 pm

The interplay of lower and higher levels of cognition: the case of we-agency in music

Valeria Bizzari (University of Heidelberg)

17-17.40 pm

Active Inference and Intelligent Action

Ian Robertson (University of Wollongong)

17.40-18.20 pm

Normative predictive mechanisms and their role in explanations of actions

Michał Piekarski (Cardinal Stefan Wyszyński University in Warsaw)