

SEMINAR

Tuesday 23rd of February 2016 at 16.00 h

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Probing cortical representations with deep neural networks

Recent advances in neural network technology have led to breakthroughs in various areas such as computer vision, natural language processing and robotics. We have recently shown that deep neural networks can also be used to accurately probe cortical representations of naturalistic stimuli, outperforming other computational models that have been developed to date.

In this talk, I will discuss the insights we and other researchers have obtained using this approach. I will end with some speculations on the wider implications of this work.

location: large meeting room

host: Pieter Roelfsema