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**PhD Position in Theoretical and Computational Neuroscience  
Moreno-Bote Lab. Foundation *Sant Joan de Déu*, Barcelona, Spain**

A PhD position is available in the group of Theoretical Neuroscience of Rubén Moreno-Bote in the Foundation *Sant Joan de Déu*, Barcelona, Spain.

We are looking for excellent candidates with Physics, Mathematics, Machine Learning or similar backgrounds, ideally with knowledge of Neuroscience or Computational Neuroscience, and interested in theory and applications. We will also consider candidates with Psychology background interested in mathematical modeling.

The candidate will develop state of the art mathematical techniques to understand neuronal dynamics and will have access to multielectrode recording neural data. He/she could be also involved in human behavior experiments and the development of models of visual perception. The candidate will benefit from the stimulating environment of Barcelona area in Theoretical and Systems Neuroscience and will have the opportunity of enjoying a lively city. Our lab forms part of a larger network of neuroscience labs in Barcelona (<http://www.barcelonaneuroscience.com>).

The Foundation *Sant Joan de Déu* is a rapidly growing private research institution associated with the hospitals *Sant Joan de Déu* in Spain and the University of Barcelona. In the past recent years it has incorporated several new researchers in the area of Neuroscience and Cognitive Psychology, including the recently created group of Theoretical Neuroscience.

Financial support is provided by the Foundation *Sant Joan de Déu* (<http://www.fsjd.org>), a *Marie Curie IRG* grant, and a *Ramón y Cajal Award*.

APPLICATION : A full CV in pdf format, and names and addresses of 2 referees should be sent to the following address:

[rmoreno@bcs.rochester.edu](mailto:rmoreno@bcs.rochester.edu)

Informal inquires are welcome.

DEADLINE: until the position is filled.