



Systems Neuroscience Christmas Mini Symposium

“Push the limits of your brain”

When? Wednesday December 17th, 2014.
11:00-16:30hr.

Where? Marie Curie Room at PRBB Building.
C/ Dr. Aiguader, 88. 08003 Barcelona, Spain.

Who? Hosts: Center of Genomic Regulation (CRG), Cellular and Systems Neurobiology lab directed by **Mara Dierssen** & Neurosciences Research Program-Hospital del Mar Medical Research Institute (IMIM) directed by **Rafael de la Torre**.

Speakers:

Gustavo Deco, Computational Neuroscience Group (UPF)

Stephen Dunne, Neuroscience Research Starlab Consulting Division (Starlab Ltd.)

Luis Martínez Otero, The Visual Analogy Lab (Instituto Neurociencias Alicante, CSIC-UMH)

María Victoria Sánchez-Vives, Cortical Networks and Virtual Environments in Neuroscience (ICREA-IDIBAPS and EventLab-UB)



Programme

11:00-11:10h Opening

Mara Dierssen

11:15-12:30h Dry Neuroscience

Session chair: Linus Manubens Gil

11:15-11:20h - Introduction

11:20-11:40h – Linking the functional and structural connectome

Gustavo Deco

11:40-11:55h – Discussion

11:55-12:15h – Neuromodulation and cognitive enhancement

Stephen Dunne

12:15-12:30h – Discussion

12:30-13:00h Speedy Poster Session

Session chair: Marta Fructuoso Castellar

13:15-14:15h Christmas tapas & Posters

14:15-15:15h Wet Neuroscience

Session chair: Thomas Gener

14:15-14:20h - Introduction

14:20-14:40h – Information bottlenecks in the early visual pathway

Luis Martínez Otero



14:40-14:55h – Discussion

14:55-15:15h – What spontaneous activity can tell us about cortical function

María Victoria Sánchez-Vives

15:15-15:30h – Discussion

15:30-16:00h **Roundtable “the future of neuroscience”**

Session chair: María Martínez de Lagrán/ Marcos Quevedo Díaz

15:15-15:20h - Introduction

16:00 h Closure and farewell drink

Mara Dierssen

Scientific Committee

Marta Fructuoso Castellar

Linus Manubens Gil

Marcos Quevedo Díaz

María Martínez de Lagrán

Thomas Gener

Call for the poster session, dead line 15/12/2014

please contact Marta Fructuoso

(marta.fructuoso@crq.eu)

No registration is needed but confirm your attendance to Marta Solis (comunicacio@crq.eu) due to capacity limitation.