

## SEMINARIO

### Aprendizaje de Máquinas (Bayesian nonparametric techniques)

**What:** Non-Parametric Bayesian Techniques for Spatial Temporal Models, Optimisation and Decision Making

**Where:** John Von Neumann Room, CMM

**When:** Thursday 2/11/2017, 1430 hrs.

**Who:** Roman Marchant (The University of Sydney)

**Abstract:** The use of Bayesian techniques for modelling spatial temporal phenomena has extensively increased over the last decade, providing flexibility and uncertainty quantification for inference and prediction. This talk focuses on how to place Gaussian Process models over complex phenomena and explores how the information from these models can be used for flexible uncertainty aware decision making. This talk provides examples of the application and advantages of using these techniques for environmental monitoring, quantitative social sciences, criminology and human behaviour.

NB. Esta charla será dictada en inglés.

Jueves 02 de noviembre del 2017

