

# 2<sup>nd</sup> Porto Meeting in Mathematics and Biology

“Exploring Systems Biology”

15<sup>th</sup> to 17<sup>th</sup> June, 2016

i3S, Auditorium A

## Main Speakers

### Brian Ingalls

Department of Applied Mathematics, University of Waterloo, Canada

Minicourse *Introduction to Dynamic Mathematical Modelling in Systems Biology*

### Lynn Hlatky

Center of Cancer Systems Biology, Tufts University, USA

Minicourse *Mathematical Modeling in Cancer Systems Biology: Implications of Population Heterogeneity and Tumor-Host Tissue Interaction Dynamics*

### Maciej Dobrzyński

Systems Biology Ireland, Conway Institute, Ireland

Minicourse *Introduction to modelling noise and cell-to-cell variability in signaling networks*

### Safak Yilmaz

Program in Systems Biology, University of Massachusetts Medical School, USA

Minicourse *Metabolic Network Modeling: Genome-scale Reconstruction, Flux Balance Analysis, and Applications to Caenorhabditis elegans Metabolism*

Official Opening of the Meeting by **Alexandre Quintanilha**

## Hands-on Workshop - COPASI

### Pedro Mendes

Manchester Institute of Biotechnology, The University of Manchester, UK

Minicourse *Optimization and parameter estimation (with COPASI)*

Jointly organized by:



Registration (no fees, but compulsory): <http://cmup.fc.up.pt/cmup/biomath/2016>