



Workshop

Computational Biology and Complex Systems

January 13th 2023

Programme

- 10:00h – 10:40h **Martí Català** (NDORMS, University of Oxford, UK)
Real-world evidence from across Europe on diseases, populations and the uses and performance of medicines. Case study: COVID-19 trial emulation.
- 10:40h – 11:10h **Cristina Montañola** (School of Management, IQS)
Poverty and rejection to the poor. An approach with mathematical models
- 11:10h – 11:40h Coffee break
- 11:40h – 12:10h **Víctor López de Rioja** (BIOCOM-SC, UPC)
Population range expansions, with mathematical applications to interacting systems and ancient human genetics
- 12:10h – 12:40h **Enric Alvarez** (BIOCOM-SC, UPC)
COVID-19 growth: Correlation with mobility and meteorological data