



Workshop

Reproducible Research and Modern Data Analysis: Concepts, Skills and Tools

Hosted by BPLIM | Porto Business School

Program

Day 1: 16 December, 2019

- 13h30 – 14h00 **Registration**
- 14h00 – 14h15 **Opening Session**
Paulo Guimarães, Head of BPLIM, Banco de Portugal
- 14h15 – 15h30 **How To Make A Pie: Reproducible Research for Empirical Economics & Econometrics**
Valerie Orozco and Christophe Bontemps, Toulouse School of Economics
- 15h30 – 16h00 *Coffee break*
- 16h00 – 17h15 **Programming Tips for Empirical Researchers**
Sergiy Radyakin, World Bank
- 17h15 – 18h30 **Version control with git (for economists)**
Luís Fonseca, London Business School
- 19h00 – 20h30 **Cocktail**



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Day 2: 17 December, 2019

- 09h00 – 10h15 **Academic writing in Markdown (with Pandoc/Panflute)**
Sérgio Correia, Board of Governors of the FED
- 10h15 – 10h30 *Coffee break*
- 10h30 – 11h45 **Interactive document generation with Rmarkdown**
Julia Schulte-Cloos, LMU Munich
- 11h45 – 13h00 **Literate programming with Stata, R, Julia and Python**
Miguel Portela, EEG – Universidade do Minho
- 13h00 – 14h00 *Lunch*
- 14h00 – 15h15 **Jupyter Notebooks: Introduction, Tips & Tools**
Rui Quintino, DevScope
- 15h15 – 16h30 **Docker for Reproducible Research**
Hareem Naveed, Munich Re Canada
- 16h30 – 17h00 *Coffee break*
- 17h00 – 18h20 **Round Table: Reproducible Research with Confidential Data**
Chair: Stefan Bender, RDSC Deutsche Bundesbank
Participants:
Christophe Perignon, HEC Paris and CASCAD
Andrew Engeli, ONS UK
Christophe Bontemps, Toulouse School of Economics
- 18h20 – 18h30 **Closing Remarks**



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