

Dr. **Marko Petrovic** is a researcher at the Department of Economics at the University Jaume I (Spain). He received his Master of Arts (MA) in Economics and Econometrics from CERGE-EI in Prague (Czech Republic) and Ph.D. in Economics from the University Jaume I. His research interests are focused on computational economics, complex dynamic systems, heterogeneous macroeconomic models, macroeconomic policy, experimental economics, financial markets, international economics and applied econometrics. During his Ph.D. studies, Marko has participated as a researcher at two EU-wide research project Symphony and FinMaP, where he was a part of the team that has developed the most comprehensive multi-country agent-based model in the current literature – “EURACE model”. In addition, he was a researcher at the Bank of Spain Chair Projects, sponsored by the Spanish Central Bank.

He joined the CERGE-EI Teaching Fellowship Foundation in Prague in 2013, as a teaching fellow. Marko became an external advisor for macroeconomic modelling at the Sector of Monetary Policy, Research and Statistics at the Central Bank of the Republic of North Macedonia in 2016, where he was giving lectures in Modern Macroeconomic Theory I and II. Together with the research team of the Central Bank he developed a small-scale agent-based model for the Macedonian economy. Furthermore, Marko joined the Institute of Advanced Financial Economics, International Center of Emerging Markets Research, Harvard University and RUDN University, Moscow, Russian Federation in 2018 as a research fellow.

One of the goals in his line of research is to study main economic and political challenges of the European Union employing the EURACE model. In particular, his research is focused on the migration challenges, further integrations of the monetary union, spatial inequality, and sovereign debt crisis.

Five selected/recent publications:

1. Isabel Narbón Perpiñá; Maria Teresa Balaguer Coll; Marko Petrović; Emili Tortosa Ausina. Which estimator to measure local governments' cost efficiency? The case of Spanish municipalities. *SERIEs- Journal of the Spanish Economic Association*. pp. 1 - 32