

CAROLINA SERPIERI

Sapienza University of Rome

Research fields: Monetary Economics, Macroeconomics, Spatial Econometrics

CURRENT POSITION

Sapienza University of Rome

Post-Doctoral Fellow

Department of Economics and Law

Title of Research: Heterogeneous Learning and Policy Interactions

Feb. 2021 - Up to now

ESPON EGTC, European Union

External Expert in the Scientific Advisory Panel

Apr. 2021 - Up to now

WORK EXPERIENCE

Sapienza University of Rome

Post-Doctoral Fellow

Department of Economics and Law

Title of Research: Bailout Expectations and Risk Transfer

Maternity leave

Sep. 2019 - Jan. 2021
Rome, Italy

Aug. 2020 - Dec. 2020

Sapienza University of Rome

Post-Doctoral Fellow

Department of Economics and Law

Title of Research: Complexity in the Heterogeneous Expectations New Keynesian Model

Sep. 2018 - Aug. 2019
Rome, Italy

JRC, European Commission

Scientific Officer

Directorate B Growth and Innovation

Mar. 2017 - Aug. 2018
Ispira, Italy

Sapienza University of Rome

Post-Doctoral Fellow

Department of Economics and Law

Title of Research: Rationality and Optimal Policies in Dynamic Stochastic General Equilibrium Model with Price Stickiness and Heterogeneous Expectations

Jan. 2017 - Feb. 2017
Rome, Italy

Italiadecide Association

Consultant

School for Public Policy 2016

Sep. 2015 - June 2016
Rome, Italy

Ministry of Economic Development

Consultant

Public Investment Evaluation Unit, Department for Development and Cohesion

Feb. 2012 - Oct. 2016
Rome, Italy

Ministry of Economic Development

Intern

Public Investment Evaluation Unit, Department for Development and Cohesion

May 2011 - Nov. 2011
Rome, Italy

TEACHING

Sapienza University of Rome <i>Exam committee member</i> in Economic Policy (undergraduate course) <i>Exam committee member</i> in Monetary Economics (master course)	2021 - 2022
Sapienza University of Rome <i>Exam committee member</i> in Economic Policy (undergraduate course) <i>Exam committee member</i> in Monetary Economics (master course) <i>Lecturer</i> in Research Methods in Macroeconomics (PhD course)	2020 - 2021
Sapienza University of Rome <i>Exam committee member</i> in Economic Policy (undergraduate course) <i>Exam committee member and Teaching Assistant</i> in Monetary Economics (master course) <i>Lecturer</i> in Public Policy (master course)	2019 - 2020
Sapienza University of Rome <i>Exam committee member</i> in Economic Policy (undergraduate course) <i>Teaching Assistant</i> in Monetary Economics (master course) <i>Lecturer</i> in Research Methods in Macroeconomics (PhD course)	2018 - 2019
Sapienza University of Rome <i>Teaching Assistant</i> in Economic Policy (undergraduate course) <i>Teaching Assistant</i> in Monetary Economics (master course) <i>Teaching Assistant</i> in Microeconomics (master course)	2016 - 2017

EDUCATION

Doctoral School of Economics. Sapienza University of Rome <i>PhD in Economic Statistics</i> Thesis in: Behavioral Aspects in Monetary DSGE Models Supervisor: Prof G. Di Bartolomeo	Oct. 2012 - May 2016
Sapienza University Rome <i>M.Sc. in Economics, cum laude</i>	2008 - 2011
University of Roma Tre <i>B.A. in Economics, cum laude</i>	2005 - 2008

SEMINARS AND CONFERENCES

1st Ventotene Macro Workshop, Ventotene (IT)	Sep. 2021
The 11th RCEA Money, Macro Finance Conference, online	July 2021
AISRe XL Annual Scientific Conference, L'Aquila (IT)	Sep. 2019
The 2nd Behavioral Macroeconomics Workshop, Bamberg (DE)	June 2019
The 58th ERSa Congress, Cork (IE)	Aug. 2018
RSA Annual Conference, <i>Local organizer</i> "Integrated approaches to produce, share and visualize regional data", Lugano (CH)	June 2018
22nd Annual International Conference on Macroeconomic Analysis and International Finance, Crete (GR)	May 2018

The 2nd International workshop on Modelling of Physical, Economic and Social Systems for Resilience Assessment, EC, Ispra (IT)	<i>Dec. 2017</i>
Macroeconomics, rationality, and institutions, Sapienza University, Rome (IT)	<i>Dec. 2017</i>
EURegionsWeek, European Commission, Brussels (BE)	<i>Oct. 2017</i>
RSA Central and Eastern Europe Conference, <i>Local organizer</i> "Regional Characterization, Resilience and Territorial Policy Implications in CEE", Cluj Napoca (RO)	<i>Sep. 2017</i>

PHD-LEVEL COURSES

Dynare Summer School 2019 <i>Prof. Michel Juillard, Prof. Thomas Winberry</i> École Normale Supérieure	<i>July 2019</i> Paris (FR)
Heterogeneous Agents in Macro Models -HAMM <i>Prof. Petr Sedláček</i> Lake Como School of Advanced Studies	<i>July 2018</i> Como (IT)
CERUP "Using R routines for counterfactual evaluation" <i>Prof. D. Di Gennaro</i> Sapienza University of Rome	<i>Mar. 2018</i> Rome (IT)
Julia programming language Course <i>Prof. Pablo Winant</i> JRC, European Commission	<i>Dec. 2017</i> Ispra (IT)
Identification and global sensitivity analyses for Macroeconomic Models <i>Prof. M. Ratto</i> JRC, European Commission	<i>Nov. 2017</i> Ispra (IT)
Tools for Applied Macro: Advanced <i>Prof. W. Den Hann</i> London School of Economics	<i>Aug. 2015</i> London (UK)

SKILLS

Programming MatLab, Dynare, Eviews, R, Stata, MS Office, L^AT_EX
Languages Italian (native), English (fluent), French (fluent), Spanish (basic)

RESEARCH

Publications

- *Clustering the built form at LAU2 level for addressing sustainable policies: insights from the Belgium case study* with N. Pontarollo and S. Ronchi, *Land Use Policy* (2021), 109, 105642
- *Testing the Environmental Kuznets Curve hypothesis on land use: The case of Romania* with N. Pontarollo, *Land Use Policy* (2020), 97, 104695
- *Challenges and Opportunities to Regional Renewal in the European Union* with N. Pontarollo, *International Regional Science Review* (2020), 1-28
- *Bounded rationality and heterogeneous expectations: Euler vs anticipated-utility approach* with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro, *Journal of Economics* (2020), 130: 249-273
- *Rational vs. long-run forecasters: Optimal monetary policy and the role of inequality* with E. Beqiraj and G. Di Bartolomeo, *Macroeconomic Dynamics* (2019), 23: 9-24
- *Towards regional renewal: A multilevel perspective for the EU* with N. Pontarollo, *Regional Studies* (2020), 54(6): 754-764
- *A composite policy tool to measure territorial resilience capacity* with N. Pontarollo, *Socio-Economic Planning Sciences* (2020), 70, 100669

- *EU Regional Discomfort Before and After the Crisis* with N. Pontarollo and S. Ronchi, *Environment and Planning A: Economy and Space* (2018), 50(7): 1375-1380
- *Robust Optimal Policies in a Behavioural New Keynesian Model* with G. Di Bartolomeo, JRC Technical Reports JRC111603, Joint Research Centre (Seville site) doi:10.2760/66451
- *The renewal capacity of EU regions* with N. Pontarollo, JRC Technical Reports JRC109647, Joint Research Centre (Seville site) doi: 10.2760/930917
- *Resilience, crisis contagion, and vulnerability in Central Europe and the Baltics* with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro, JRC Technical Reports JRC109632, Joint Research Centre (Seville site) doi:10.2760/19685

Book chapters

- *Resilience in regional business cycles across the Benelux* with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro in Bristow, G. and A. Healy (eds.), *Handbook on Regional Economic Resilience*. Cheltenham: Edward Elgar (2020) doi: 10.4337/9781785360862
- *Ranking Regional Economic Resilience in the EU* with N. Pontarollo in Bristow, G. and A. Healy (eds.), *Handbook on Regional Economic Resilience*. Cheltenham: Edward Elgar (2020) doi: 10.4337/9781785360862
- *The resilience of EU Member States to the financial and economic crisis* with Alessi, L., Benczur, P., Campolongo, F., Cariboni, J., Manca, A.R., Menyhart, B., Pagano, A., Delgado Sancho, L., Turegano, D.M., Marschinski, R., Cseres-Gergely, Z., Kvedaras, V., Pontarollo, N., Rainoldi, A., Lavallo, C., Daco, D., Barrios, S., Ivaskaite, V., Maestri, V., and Tumino, A., Publications Office of the European Union, Luxembourg (2018), doi:10.2760/840532
- *Resilience, contagion, and vulnerability to external financial crisis in CEE countries* with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro, in RESILIENCE The 2nd International Workshop on Modelling of Physical, Economic and Social Systems for Resilience Assessment, Luxembourg: Publications Office of the European Union (2017) doi: 10.2760/556714
- *European Territorial Trends - Facts and Prospects for Cities and Regions Ed. 2017* with Lavallo, C., Pontarollo, N., Batista E Silva, F., Baranzelli, C., Jacobs, C., Kavalov, B., Kompil, M., Perpiña Castillo, C., Vizcaino, M., Ribeiro Barranco, R., Vandecasteele, I., Pinto Nunes Nogueira Diogo, V., Aurambout, J., Marín Herrera, M., Rosina, K., Ronchi, S. and Auteri, D., Publications Office of the European Union, Luxembourg (2017), doi:10.2760/148283
- *Riquadro C - Apertura Internazionale delle Regioni* with P. De Cesare, T. Capece Galeota, S. Maiolo and F. Terribile, in Rapporto Annuale 2010 DPS sugli interventi nelle aree sottoutilizzate, Dipartimento per lo Sviluppo e la Coesione Economica, Ministero dello Sviluppo Economico

Working papers and ongoing research

- *Optimal monetary policy and intrinsic inflation persistence* with G. Di Bartolomeo, submitted
- *Robust optimal policies in behavioral New Keynesian macro models* with G. Di Bartolomeo, submitted
- *Innovation, culture and economic productivity* with N. Pontarollo, submitted
- *Comparing Central Europe and the Baltic macro-economies: A Bayesian approach* with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro, submitted
- *Local financial distresses are turning 30 in Italy* with C. Fiorelli and N. Pontarollo, ongoing
- *Heterogeneous Learning and Policy Interactions* with V. Patella, ongoing
- *Higher-order beliefs and learning by proximity*, ongoing

AWARDS AND GRANTS

National Scientific Qualification (ASN) as Associate Professor in 13/A2 starting from 04-06-2021

National Scientific Qualification (ASN) as Associate Professor in 13/A4 starting from 03-06-2021

Crimini economici tra politiche di contrasto e tolleranza:

l'impatto della contraffazione sulla crescita economica nelle Regioni italiane 2020

PI: L. Giuriato

Rome (IT)

Sapienza Fondi Ateneo 2020, Progetti piccoli

Learning rules, heterogeneity and regime-switching policy interactions.

Implications for fiscal policy effectiveness, labor share dynamics and asset price volatility

2019

PI: M. Tancioni

Rome (IT)

Sapienza Fondi Ateneo 2019, Progetti medi

Heterogeneous expectations and optimal policies

2015

PI: G. Di Bartolomeo

Rome (IT)

Sapienza Fondi Ateneo 2015, Progetti medi

A treasury model with financial frictions

2015

PIs: G. Di Bartolomeo and N. Acocella

Rome (IT)

Ministry of Economics and Finance

Behavioral Aspects in Monetary DSGE

2015

PI: C. Serpieri

Rome (IT)

Sapienza Progetti Avvio alla Ricerca 2015

PhD Scholarship

2012 - 2016

Sapienza University Rome

Rome (IT)