

CAROLINA SERPIERI

Website: <https://sites.google.com/a/uniroma1.it/carolinaserpieri>

Sapienza University of Rome

Research fields: Monetary Economics, Macroeconomics, Spatial Econometrics

CURRENT POSITION

Sapienza University of Rome <i>Post-Doctoral Fellow</i> Department of Economics and Law Title of Research: Heterogeneous Learning and Policy Interactions	<i>Feb. 2021 - Up to now</i>
ESPON EGTC, European Union <i>External Expert in the Scientific Advisory Panel</i>	<i>Apr. 2021 - Up to now</i>

WORK EXPERIENCE

Sapienza University of Rome <i>Post-Doctoral Fellow</i> Department of Economics and Law Title of Research: Bailout Expectations and Risk Transfer <i>Maternity leave</i>	<i>Sep. 2019 - Jan. 2021</i> <i>Rome, Italy</i>
Sapienza University of Rome <i>Post-Doctoral Fellow</i> Department of Economics and Law Title of Research: Complexity in the Heterogeneous Expectations New Keynesian Model	<i>Sep. 2018 - Aug. 2019</i> <i>Rome, Italy</i>
JRC, European Commission <i>Scientific Officer</i> Directorate B Growth and Innovation	<i>Mar. 2017 - Aug. 2018</i> <i>Ispra, Italy</i>
Sapienza University of Rome <i>Post-Doctoral Fellow</i> Department of Economics and Law Title of Research: Rationality and Optimal Policies in Dynamic Stochastic General Equilibrium Model with Price Stickiness and Heterogeneous Expectations	<i>Jan. 2017 - Feb. 2017</i> <i>Rome, Italy</i>
Italiadecide Association <i>Consultant</i> School for Public Policy 2016	<i>Sep. 2015 - June 2016</i> <i>Rome, Italy</i>
Ministry of Economic Development <i>Consultant</i> Public Investment Evaluation Unit, Department for Development and Cohesion	<i>Feb. 2012 - Oct. 2016</i> <i>Rome, Italy</i>
Ministry of Economic Development <i>Intern</i> Public Investment Evaluation Unit, Department for Development and Cohesion	<i>May 2011 - Nov. 2011</i> <i>Rome, Italy</i>

WFP, United Nations
Intern
CC and DRR Office, Policy, Planning and Strategy Division

Oct. 2010 - May 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)	<i>2021 - 2022</i>
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)	<i>2020 - 2021</i>
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)	<i>2019 - 2020</i>
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)	<i>2018 - 2019</i>
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)	<i>2016 - 2017</i>

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	<i>Oct. 2012 - May 2016</i>
Sapienza University Rome <i>M.Sc. in Economics, cum laude</i>	<i>2008 - 2011</i>
University of Roma Tre <i>B.A. in Economics, cum laude</i>	<i>2005 - 2008</i>

SEMINARS AND CONFERENCES

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

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

PHD-LEVEL COURSES

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

SKILLS

Programming MatLab, Dynare, Eviews, R, Stata, MS Office, \LaTeX
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., Menyhert, B., Pagano, A., Delgado Sancho, L., Turegano, D.M., Marschinski, R., Cseres-Gergely, Z., Kvedaras, V., Pontarollo, N., Rainoldi, A., Lavalle, 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 Lavalle, 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

PI: M. Tancioni 2019
Rome (IT)

Sapienza Fondi Ateneo 2019, Progetti medi

Heterogeneous expectations and optimal policies

PI: G. Di Bartolomeo 2015
Rome (IT)

Sapienza Fondi Ateneo 2015, Progetti medi

A treasury model with financial frictions

PIs: G. Di Bartolomeo and N. Acocella 2015
Rome (IT)

Ministry of Economics and Finance

Behavioral Aspects in Monetary DSGE

PI: C. Serpieri 2015
Rome (IT)

Sapienza Progetti Avvio alla Ricerca 2015

PhD Scholarship

Sapienza University Rome 2012 - 2016
Rome (IT)

Roma, 22/09/2021

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