



CAROLINA SERPIERI

Date of Birth [REDACTED]
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EDUCATION AND ACADEMIC AWARDS

- 2012-2016** **Ph.D. in Economic Statistic, Methods and Models for Economics and Finance Ph.D. Program**
Sapienza University of Rome, Rome, Italy
Final dissertation on: “Behavioral Aspects in Monetary DSGE Models”
Supervisor: Prof. Giovanni Di Bartolomeo
August 2015 *Participant of “Tools for Macroeconomists: Advanced Tools” Programme, “The London School of Economics and Political Science”, London, UK*
July 2015 *Winner and Responsible for Research Start-up Fund 2015, Call for University Research*
- 2008-2011** **Master of Science in Global Economics and Governance**
Sapienza University of Rome, Rome, Italy
Graduation grade: Magna cum laude.
Supervisor: Prof. Maurizio Franzini
2010-2011 *Scholarship, Collaboration for the Evaluation Unit of the Faculty of Economics*
- 2005-2008** **Bachelor in Economics, Institutions and Finance**
University of Rome “Roma Tre”, Rome, Italy
Graduation grade: Magna cum laude.
Supervisor: Prof. Umberto Di Giorgi

EMPLOYMENT HISTORY

- September 2018** **Research Fellow, Department of Economics and Law, Sapienza University of Rome, Rome, Italy**
- March 2017-
August 2018** **Research Officer, European Commission's Science Service Joint Research Centre (JRC) – EU, Directorate B Growth and Innovation, Ispra, Italy**

Main duties and tasks: ad-hoc foreseeable impact study including quantitative and statistical analysis; assessment of the territorial impact of EU trends and policies; spatial modeling for socio-economic projections for European regions: 2015-2030; composite indicators building.

Reference: Mr Carlo Lavallo, Mr Alessandro Rainoldi

July 2018

"Heterogeneous Agents in Macro Models -HAMM", Lake Como School of Advanced Studies

March 2018

CERUP 2018 "Challenges in Evaluating Regional and Urban Policy" Pre-Conference Tutorial Using R routines for counterfactual evaluation, Sapienza University of Rome

December 2017

Julia programming language Course, JRC, Ispra

November 2017

Identification analysis and global sensitivity analysis for Macroeconomic Models Course, JRC, Ispra

**January 2017-
February 2017**

Winner of the Research Fellowship "Rationality and optimal policies in DSGE models with price stickiness and heterogeneous expectations", Sapienza University of Rome, Rome, Italy

2018-2019

Teaching Assistant at Sapienza University of Rome

Monetary Economics (Master in Macroeconomic policy and financial markets).

2016-2017

Politica Economica (Bachelor).

Microeconomics (Master in Money, Credit and Banking).

**September 2015-
June 2016**

Consultant for Public Policies School 2016 "Public policies and business strategies for innovation and high-tech start-ups" promoted by Italiadecide Association, in agreement with the University of Rome "La Sapienza" and LUISS Guido Carli, Rome, Italy

Reference: Cons. Alessandro Palanza

**June 2016-
Up to now**

Faculty Member, M.Sc. in Economics of Money, Credit and Finance, Sapienza University of Rome, Rome, Italy

**February 2012-
October 2016**

Consultant, Agency for Territorial Cohesion, Rome, Italy

(former Public Investment Evaluation Unit, Department for Development and Cohesion, Ministry of Economic Development)

Main duties and tasks: supporting regional staff on major projects preparation and appraisal (data collection and analysis, indicators development, cost-benefit analysis, risk assessment, state aid notification procedure, etc.); ad-hoc foreseeable impact study including quantitative and statistical analysis; providing support for high-level policy measures involving other Italian Ministries (Economy and Finance; Education and Research; Labour and Social Policies; Infrastructure and Transport) and European Institutions (European Commission, European Investment Bank, European Investment Fund).

Reference: Mrs Paola Verdinelli De Cesare

December 2011 **Volunteer Assistant, Eminence, Bangladeshi NGO**, Global South-South Development Expo 2011, Food and Agriculture Organization, United Nations, Rome, Italy

**May 2011-
November 2011** **Intern Assistant, Public Investment Evaluation Unit, Department for Development and Cohesion, Ministry of Economic Development**, Rome, Italy

Main duties and tasks: International comparative analysis, analysis of Regional competitiveness, analysis and projects promoted at OECD and other International Organizations such as International Monetary Fund, etc.; supporting missions and bilateral summits or prospects of International cooperation.

References: Mrs Paola Verdinelli De Cesare, Dr Flavia Terribile

**October 2010-
May 2011** **Intern Assistant, PSC Division, World Food Programme, United Nations**, Rome, Italy

Reference: Mr Carlo Scaramella

December 2007 **French Interpreter**, The European Law Students' Association, University of Naples "Federico II", Naples, Italy

KEY INTERESTS

Interested in DSGE and ACE Models, Monetary Policy, Behavioral Economics, Regional Modelling, Public Policy, Policy Evaluation, EU Cohesion Policy, International Political Economy.

LANGUAGE AND IT SKILLS

Italian	Native
English 2006	Full professional proficiency <i>Extra-curricular course of business English, University of Rome "Roma Tre", Rome, Italy</i>
French 1990-97 1999-2000 2018	Full professional proficiency <i>Ecole Française de Naples "Grenoble", Naples, Italy</i> <i>Delf - Ecole Française de Naples "Grenoble", Naples, Italy</i> <i>British Institutes C2 Certificat</i>
German	Basic
Spanish	Basic

IT Skills Econometric and Statistical modelling (EViews, SVAR, Jmulti, Matlab, Dynare, R)
Spatial modelling
2013 *Advanced Level Matlab Training Course, University of Rome "La Sapienza"*

Refereeing activity Referee for Regional Studies, Journal of Macroeconomics

PUBLICATIONS

- 2018** Nicola Pontarollo & Carolina Serpieri, 2018. " A composite policy tool to measure territorial resilience capacity", *Socio-Economic Planning Sciences*, **doi:** 10.1016/j.seps.2018.11.006
- Nicola Pontarollo & Silvia Ronchi & Carolina Serpieri, 2018. "EU Regional Discomfort Before and After the Crisis", *Environment and Planning A: Economy and Space*, **doi:**10.1177/0308518X18779594
- 2017** Elton Beqiraj & Giovanni Di Bartolomeo & Carolina Serpieri, 2017. "Rational vs. long-run forecasters: Optimal monetary policy and the role of inequality," *Macroeconomic Dynamics*, **doi:** 10.1017/S1365100517000396
- 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., Serpieri, C., Marín Herrera, M., Rosina, K., Ronchi, S. and Auteri, D., *European Territorial Trends - Facts and Prospects for Cities and Regions* Ed. 2017, Publications Office of the European Union, Luxembourg, 2017, **doi:**10.2760/148283

BOOK CHAPTERS

- 2018** "Resilience in regional business cycles across the Benelux" with E. Beqiraj, G. Di Bartolomeo and M. Di Pietro in *Handbook of Regional Economic Resilience*, G. Bristow (ed.), Edward Elgar Publishing, forthcoming.
- "Ranking Regional Economic Resilience in the EU" with N. Pontarollo in *Handbook of Regional Economic Resilience*, G. Bristow (ed.), Edward Elgar Publishing, forthcoming.
- 2017** "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: doi:10.2760/556714

“A composite policy tool to measure territorial resilience capacity” with N. Pontarollo, 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.

2010 “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*

2010 Regional Notes – Structure and dynamics of territorial economies – Department for Development and Cohesion

WORKING PAPERS AND ONGOING RESEARCH

2018 Nicola Pontarollo & Carolina Serpieri, 2018. "Towards regional renewal: A multilevel perspective for EU," *Regional Studies*, submitted

Elton Beqiraj & Giovanni Di Bartolomeo & Marco Di Pietro & Carolina Serpieri, 2018. “Bounded rationality and heterogeneous expectations: Euler vs anticipated-utility approach,” *Journal of Money, credit and Banking*, submitted

Elton Beqiraj & Giovanni Di Bartolomeo & Marco Di Pietro & Carolina Serpieri, 2018. "Comparing Central Europe and the Baltic macro-economies: A Bayesian approach," *Journal of Policy Modelling*, submitted

Giovanni Di Bartolomeo & Carolina Serpieri, 2018. "Robust Optimal Policies in a Behavioural New Keynesian Model," JRC Working Papers JRC111603, Joint Research Centre (Seville site).

Elton Beqiraj & Giovanni Di Bartolomeo & Marco Di Pietro & Carolina Serpieri, 2018. "Comparing Central Europe and the Baltic macro-economies: A Bayesian approach," *EconStor Preprints 175242*, ZBW - German National Library of Economics

Nicola Pontarollo & Carolina Serpieri, 2018. "A composite policy tool to measure territorial resilience capacity," JRC Working Papers JRC111389, Joint Research Centre (Seville site).

2017 Beqiraj Elton & Di Bartolomeo Giovanni & Serpieri Carolina, 2017. "Bounded-rationality and heterogeneous agents: Long or short forecasters?," wp.comunite 00132, Department of Communication, University of Teramo

Nicola Pontarollo & Carolina Serpieri, 2017. "The renewal capacity of EU regions," JRC Working Papers JRC109647, Joint Research Centre (Seville site)

Elton Beqiraj & Giovanni Di Bartolomeo & Marco Di Pietro & Carolina

Serpieri, 2017. "Resilience, crisis contagion, and vulnerability in Central Europe and the Baltics," JRC Working Papers JRC109632, Joint Research Centre (Seville site)

CONFERENCES

Regional Studies Association Central and Eastern Europe Conference, Local organizer "Regional Characterization, Resilience and Territorial Policy Implications in CEE", Cluj Napoca (Romania), September 2017

European Week of Cities and Regions, European Commission, Brussels (Belgium), October 2017

Macroeconomics, rationality, and institutions, La Sapienza, Rome (Italy), December 2017

The 2nd International workshop on Modelling of Physical, Economic and Social Systems for Resilience Assessment, European Commission, Ispra (Italy), December 2017

22nd Annual International Conference on Macroeconomic Analysis and International Finance, Crete (Greece), May 2018

Regional Studies Association Annual Conference, Local organizer "Integrated approaches to produce, share and visualize regional data", Lugano (Swiss), June 2018

The 58th European Regional Science Association ERSA Congress, "Places for People: Innovative, Inclusive and Liveable Regions", Cork (Ireland), August 2018

RESEARCH GRANTS

"Heterogeneous expectations and optimal policies"
Sapienza Fondi Ateneo 2015, Progetti medi
Principal investigator: Giovanni Di Bartolomeo

"A treasury model with financial frictions"
Ministero dell'Economia e Finanza, 2015
Principal investigators: Giovanni Di Bartolomeo and Nicola Acocella

REFEREES

Prof. Giovanni Di Bartolomeo, Full Professor of Economic Policy in the Department of Economics and Law at Sapienza University of Rome and Member of the Board of the PhD Program in Economics
contact: giovanni.dibartolomeo@uniroma1.it

Prof. Guido Pellegrini, Full Professor of Statistics and Regional Policies in the Department of Social Sciences at Sapienza University of Rome
contact: guido.pellegrini@uniroma1.it

Mr. Carlo Scaramella, Deputy Regional Director Regional Bureau for Middle East, North Africa,
Central Asia and Eastern Europe, World Food Programme, United Nations
contact: carlo.scaramella@wfp.org

Mrs. Paola Verdinelli De Cesare, Former Head of the Campania Task Force, Department for
Development
and Cohesion, Ministry of Economic Development
contact: paverdi@gmail.com

Roma, 21/11/2018
Carolina Serpieri

