

## MARIA GESUALDO, Ph.D.

Joint Research Centre, European Commission  
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### RESEARCH INTERESTS

Economic modelling, Public economics, Policy analysis

### EDUCATION

#### PhD in Economics, Markets and Institutions

IMT Institute for Advanced Studies Lucca (Italy), March 2011-July 2014

Dissertation: *“Building and Running a Computable General Equilibrium Tax Model of Italy”*  
Supervisor: A. Petretto (University of Florence). Tutor: D. Ticchi (IMT Lucca). Defence committee: N. Dimitri (University of Siena), M. Onorato (IMT Lucca), F. Fiorillo (Marche Polytechnic University), C. Tessone (ETH Zurich). Admitted with full scholarship

#### Visiting Research Scholar

*Centre of Policy Studies (CoPS)*, Monash University, Melbourne (Au), Feb. 2013 - Jan. 2014  
*Tuscany’s Regional Institute for Economic Planning (IRPET)*, Florence (It), Oct.-Dic. 2012

#### MSc in Economics and Finance

LUISS Guido Carli University, Rome (Italy), 110/110 *cum laude*.

Dissertation: *“Le Ragioni della Crisi del Risparmio Gestito in Italia”*

Supervisor: Giorgio Di Giorgio, 2008-2010

#### Erasmus programme

Lyon 3 University, Department of Economics, Lyon (France), Sept.-Dec. 2009

#### BSc in Economics, Markets and Financial Intermediaries

LUISS Guido Carli University, Rome (Italy), 110/110 *cum laude*

Dissertation: *“Private Equity: Analisi del Contributo allo Sviluppo delle Imprese”*

Supervisor: Rainer Masera, 2004-2007

### ADDITIONAL EDUCATION

**Open Source Macroeconomics Laboratory**, Becker Friedman Institute, University of Chicago, June 19 - August 4, 2017

**Energy and Environmental CGE Modeling with GAMS**, EcoMod, Prague (Czech Republic), June 29 - July 3, 2015

**TERM Regional CGE Course**, CoPS, Warsaw (Poland), Aug. 22-27, 2011

**Summer School of Econometrics** CIdE, Bertinoro (Italy), June 2011

## WORK EXPERIENCES

Research Fellow, **European Commission**, Joint Research Centre, Fiscal Policy Analysis Unit, Seville (Spain), October 2015- Present

Consultant, **Sogei S.p.A.**, Economic modelling Unit, Rome (Italy), July 2014 - June 2015

Traineeship, **Ministry of Economy and Finance**, Department of Treasury - Directorate I - Economic and Financial Analysis, Rome (Italy), Sept. 2010-Feb. 2011

## CONFERENCES and SEMINARS

19th Annual Conference on Global Economic Analysis, The World Bank, Washington DC, June 15-17, 2016

2016 ZEW Public Finance Conference, ZEW, Mannheim, April 25-26, 2016

XXXIV AISRE (Associazione Italiana di Scienze Regionali) national conference, Palermo University, Sept. 2-3, 2013

New Zealand Institute for Economic Research, Wellington, July 2013

CoPS, Monash University, Melbourne, March 2013

IRPET, Florence, Nov. 2012

## WORKING PAPERS

Alvarez-Martinez M.T., Barrios S., Bettendorf L., d'Andria D., Gesualdo M., Loretz S., Pontikakis D., Pycroft J., (2016): "*A New Calibration for CORTAX: A computable general equilibrium model for simulating corporate tax reforms*", JRC Working Papers on Taxation & Structural Reforms 2016-09, Joint Research Centre (Seville site)

<https://ec.europa.eu/jrc/sites/jrcsh/files/jrc104930.pdf>

Alvarez-Martinez, M.T., Barrios S., d'Andria D., Gesualdo M., Pontikakis D., Pycroft J., (2016): "*Modelling corporate tax reforms in the EU: New simulations with the CORTAX model*", JRC Working Papers on Taxation & Structural Reforms 2016-08, Joint Research Centre (Seville site)

<https://ec.europa.eu/jrc/sites/jrcsh/files/jrc104678.pdf>

Alvarez-Martinez M.T., Barrios S., d'Andria D., Gesualdo M., Pycroft J., Pontikakis D., (2016): "*Falling Corporate Tax Rates in the EU: Is there a case for harmonisation?*", JRC Working Papers on Taxation & Structural Reforms 2016-04, Joint Research Centre (Seville site)

<https://ec.europa.eu/jrc/sites/jrcsh/files/jrc104157.pdf>

Gesualdo M., Felici F. (2014): "*Fiscal Extension to ORANI-IT: A Computable General Equilibrium Model for Italy*", Department of Treasury - Working Papers - MEF [http://www.dt.tesoro.it/export/sites/sitodt/modules/documenti\\_it/analisi\\_progammazione/working\\_papers/WP\\_N\\_8-\\_2014.pdf](http://www.dt.tesoro.it/export/sites/sitodt/modules/documenti_it/analisi_progammazione/working_papers/WP_N_8-_2014.pdf)

Gesualdo M., Felici F. (2014): "*ORANI-IT: A Computable General Equilibrium Model of Italy*", Department of Treasury - Working Papers - MEF [http://www.dt.tesoro.it/export/sites/sitodt/modules/documenti\\_it/analisi\\_progammazione/working\\_papers/WP\\_N\\_7-\\_2014.pdf](http://www.dt.tesoro.it/export/sites/sitodt/modules/documenti_it/analisi_progammazione/working_papers/WP_N_7-_2014.pdf)

Gesualdo M., Rosignoli S. (2013): "*Building a computable general equilibrium (CGE) model on a regional SAM: The case of Tuscany*", XXXIV AISRE national conference, Palermo University (Italy), 2-3 Sept. 2013

## **LANGUAGES**

Italian: Native; English: Fluent; Spanish: Intermediate

## **COMPUTER SKILLS**

Good knowledge of GEMPACK, GAMS, Python, LATEX  
ECDL Certification

## **REFERENCES**

James Giesecke, Centre of Policy Studies, james.giesecke@vu.edu.au  
Alessandro Petretto, University of Florence, alessandro.petretto@unifi.it  
Davide Ticchi, Marche Polytechnic University, d.ticchi@univpm.it