



Massimiliano.rizzati@feem.it

Sex: Male | Date of birth: 04/08/1988 | Nationality: Italian

MASSIMILIANO CARLO PIETRO RIZZATI

RESEARCH INTERESTS Sustainability, Energy transition, GIS data, Economic Geography, Agent-Based modelling, Macroeconomics with Heterogeneous Agents, Network Theory

EDUCATION

PH.D. - SCHOOL IN ECONOMICS AND FINANCE - DEFAP - UNIVERSITÀ CATTOLICA DEL SACRO CUORE & UNIVERSITÀ DEGLI STUDI DI MILANO BICOCCA – MILAN, ITALY
02/15 – 11/18

Supervisor: Domenico Delli Gatti (Università Cattolica del Sacro Cuore - Complexity Lab in Economics)

Thesis title: Heterogeneity in Space: An Agent-based Economic Geography model

The program included 1.5 years of advanced economic courses.

MASTER'S DEGREE IN ECONOMICS, RESEARCH FOCUS – UNIVERSITE' CATHOLIQUE DE LOUVAIN –LOUVAIN LA NEUVE, BELGIUM

9/11 – 01/13

Thesis title: "Economic Geography as an Evolutionary Game". Supervisors: Carmen Camacho (IRES), Francesco Guala (DEMM)

Final grade: Grande Distinction (Magna cum Laude)

MASTER'S DEGREE IN ECONOMICS AND POLITICAL SCIENCE – UNIVERSITY OF MILAN – MILAN, ITALY

01/11 – 01/13

Economic analysis and Policy curriculum. Selected for the "International Joint degree program" with the Universite Catholique de Louvain.

Final grade: 110/110

ERASMUS PROGRAM – Universidade de Coimbra – Coimbra, Portugal

09/09 – 03/10

Courses at the Faculty of economics

BACHELOR'S DEGREE IN POLITICAL SCIENCE – University of Milan – Milan, Italy

09/07 - 12/10

Minor in economics, selected for the Erasmus exchange program scholarship

Thesis title: "Il mercato privato dell'energia rinnovabile". Supervisor: Antonio Filippin

Final grade: 110/110 con lode (with honours)

MATURITÀ – Liceo delle Scienze Sociali G.B. Vico – Corsico (MI), Italy

07/07

Final grade: 100/100

TEACHING
EXPERIENCE

ADJUNCT PROFESSOR – UNIVERSITÀ DEGLI STUDI DI MILANO-BICOCCA – MILAN – Academic year 2019/2020 (also in a.y. 2018/2019)

Classes in MATLAB programming for the master's degree course "International Economics".

TEACHING ASSISTANT - POLITECNICO DI MILANO – MILAN -ITALY

05/19 – 07/19

University Tutorials in Microeconomics for Bachelor students in Engineering Management.

TEACHING ASSISTANT – UNIVERSITÀ CATTOLICA DEL SACRO CUORE DI MILANO – MILAN -ITALY

10/17 – 11/17 (also in the a.y. 2016/2017)

University Tutorials in Macroeconomics for Bachelor students in Economics and Management.

CONFERENCES AND
SEMINARS

- Eighth IAERE Annual Conference, Conference's presentation, Università degli studi di Brescia, Brescia, 6-7 February 2020,
- 57th Conference on "Sustainable development, circular economy and circular city: evaluation methods and processes", Conference's presentation, Italian Association of Appraisers and Land Economists (Ce.S.E.T.), Naples, Italy, 12-13 December 2019
- ESCoS International Conference, THE ECONOMY AS A SPATIAL COMPLEX SYSTEM (ESCOS 2018) II CICSE WORKSHOP, Conference's presentation, Università di Napoli Federico II, Napoli, 21-22 June 2018
- DEFAP third year seminar, 28 November 2017
- Workshop on Economics and Heterogeneous Interacting Agents (WEHIA) 2017, Conference's presentation, Università Cattolica del Sacro Cuore di Milano, Milan, 12-14 June 2017
- DEFAP second year seminar, 15 December 2016

PUBLICATIONS AND
DRAFTS

- *The effects of air pollution on COVID-19 related mortality in Northern Italy*, Coker E.S., Cavalli L., Fabrizi E., Guastella G., Lippo E., Parisi M.L., Pontarollo N., Rizzati M.C.P., Varacca A., Vergalli S. – *Environmental and Resource Economics* (forthcoming)
- *Projections of energy demand in European cities using downscaled population scenarios*, Guastella G., Lippo E., Pareglio S., and Rizzati M. C. P. - *Smart and Sustainable Planning for Cities and Regions - Results of SSPCR 2019 – (forthcoming)*
- *Heterogeneity and Economic Geography: The formation of Spatial Inequality*, Rizzati M. C. P. (2018) - Draft
- *Policy with multiple regions, an Agent-based Economic Geography analysis*, Rizzati M.C.P. (2018) - Draft

PROFESSIONAL
EXPERIENCE

FONDAZIONE ENI ENRICO MATTEI, RESEARCH FELLOW – MILAN - ITALY

07/19 – Present

Researcher for the FACTS (Firms and Cities Towards Sustainability) project. Research focused on sustainability issues, energy transition and on empirical applications based on spatial data. Organization of live events and webinars for dissemination. Fundraising activities and collaboration with funded projects.

EUROPEAN COMMISSION, BLUE BOOK TRAINEE – BRUXELLES- BELGIUM

11/14 – 1/15

Administrative traineeship in the European Commission Directorate-General for Economic and Financial Affairs, unit B2 (Structural reforms, competitiveness and innovation).

Collaboration in the development of database for internal use, collaboration on qualitative and econometric policy analysis, redaction of country fiches for internal use. Research assistance provided for the EC institutional paper 31: “State-owned enterprises in the EU: lessons learnt and ways forward in a post-crisis context”.

EDITOR/RESEARCHER, SLI VIRTUS ID LTD- CITYHOOK (NOW INDIGO)

7/12 – 3/14

Database Editor and Researcher on topics of interest for the start-up firm (Open Data, Smart Cities, and European Transport). Activities: redaction of reports, data entry, data management, desk research.

Cityhook won accelerators support by prestigious names such as NDRC Launchpad and Telefonica’s Wayra.

COLLABORATOR FOR THE CAPINFOOD PROJECT – UNIVERSITY OF MILAN – MILAN, ITALY

07/13 – 10/13

Revision of the materials for the CAPINFOOD project (full name: Improving the enabling environment and public awareness for innovation in the South-East-European food sector through transnational collaboration).

LANGUAGES

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|-------------------|-------------------|----------------|-------------|---------------|-------------------|
| Italian | Mother tongue | English | Fluent (C2) | French | Intermediate (B1) |
| Portuguese | Intermediate (B1) | German | Basic (A2) | | |

COMPUTER SKILLS

Office package: ECDL full, working experience with spreadsheets including Visual Basic programming.

Statistical and scientific software: Proficient with Stata, R, gretl, Maple, MATLAB, Qgis; Experience with Pajek, NetLogo, MATLAB Object Oriented programming, Python and Julia; Basic knowledge of Eclipse IDE for Java and Wolfram Mathematica.

Project Management software: Working experience with Basecamp, Teambox (now Redbooth), Google Drive and Trello.

REFEREES CONTACTS Pareglio Stefano (Scientific Coordinator FEEM/Firms and Cities Transition towards Sustainability – Associate Professor of Environmental and Energy Economics, Università Cattolica del Sacro Cuore)
– Stefano.pareglio@feem.it
Domenico Delli Gatti (Ph.D. Supervisor, Full Professor at the Università Cattolica del Sacro Cuore di Milano) - domenico.delligatti@unicatt.it
Tommaso Solesin (Supervisor at SLI VIRTUS ID LTD, Business Developer Indigo.gt and Wonderful Italy)

Le dichiarazioni rese nel presente curriculum sono da ritenersi rilasciate ai sensi degli artt. 46 e 47 del D.P.R. 445/2000