

Giuliano Resce

 Giuliano Resce |  giulianoresce |  giuliano.resce@unimol.it

SUMMARY

Giuliano Resce is Associate Professor of Economics at the University of Molise and Visiting Senior Fellow at the International Inequalities Institute - London School of Economics. He has consolidated expertise in Digital Methods, Big Data Analytics, Machine Learning, Text Mining, and Impact Evaluations. Before joining the University of Molise, he has been Research Fellow for SOSE S.p.A. (Italian Ministry of Economics and Finance), the Italian National Research Council (CNR), and the Department of Economics and Management, University of Florence.

He has been Visiting Fellow at ETH Zürich, the University of Portsmouth, the University of Sheffield, and the World Bank Headquarters. He obtained a Ph.D. in Economics from Roma Tre University and a master's degree in Political Science from the University of Florence. He has been an advisor at the International Fund for Agricultural Development (IFAD), the Consultative Group on International Agricultural Research (CGIAR) Research Program on Climate Change, Agriculture and Food Security (CCAFS), the International Maize and Wheat Improvement Center (CIMMYT), the European Commission, Joint Research Center, and the European Investment Fund (EIF).

He has been part of the group of experts for the Department for Cohesion Policies at the Italian Presidency of the Council of Ministers. He is currently an advisor for the International Center for Tropical Agriculture (CIAT), SOSE S.p.A, and IFEL Fondazione ANCI.

He has authored or co-authored more than 40 peer-reviewed publications covering topics connected to Institutional Economics, Inequality, Sustainability, Health, and Education.

WORK EXPERIENCE

Associate Professor of Economics Department of Economics, University of Molise.	Oct 2023 - present
Senior Lecturer in Economics Department of Economics, University of Molise.	Oct 2020 - Sep 2023
Research Fellow SOSE S.p.A. (Italian Ministry of Economy and Finance).	Feb 2020 - Oct 2020
Research Fellow Institute of Clinical Physiology, National Research Council of Italy (IFC-CNR).	Feb 2018 - Feb 2020
Research Fellow Department of Economics and Management, University of Florence.	Sep 2012 - Sep 2014

PROJECTS

THEMIA (THE Mood of Infrastructure's Accessibility)

Oct 2024 - Oct 2025

Funding institution: *European Union – NextGenerationEU*. This project assesses infrastructural and territorial accessibility, addressing data challenges for both ex-ante and ex-post evaluations. It leverages real-time activity data obtained from private entities (e.g., Google, Meta, Telegram, X, LinkedIn) alongside traditional demographic and territorial data. By applying Machine Learning (ML) and Big Data Analytics, the project aims to create innovative indicators for evaluating infrastructure accessibility. In alignment with recent economic literature showcasing ML's potential in predicting socio-economic outcomes, the project contributes to predictive models in infrastructure accessibility using real-time and historical data. ML techniques investigate determinants and incorporate user feedback from social networks. This interdisciplinary initiative engages specialists in Digital Methods, Big Data Analytics, Machine Learning, Text Mining, and Impact Evaluations, fostering collaboration across diverse fields. This innovative approach ensures the development of indicators for a thorough and timely assessment of infrastructure accessibility policies. The project introduces innovative accessibility indicators at the national level in Italy, delivering specific outcomes at a more granular territorial level to enhance overall value. These results will be communicated through interactive maps, providing insights for policymakers, practitioners, and citizens.

Reconciling efficiency and equity in the Italian healthcare system

Oct 2023 - Oct 2025

Funding institution: *Italian Ministry of University and Research, National Interest Research Projects (PRIN 2022)*. This research project aims to evaluate the performances of the Italian regional healthcare system along the dimensions of efficiency and equity following its evolution over the last twenty years. The analysis will combine empirical and theoretical approaches and will focus on three key aspects: 1) The evolution of hospital efficiency in the light of the reorganization of hospitals in the territory, differentiating between public hospitals and private hospitals and taking into account the regional heterogeneity and different needs of the population at regional level. 2) Equity in access to hospital services through an analysis of patient mobility between regions. 3) The allocation of regional expenditure, analyzing the healthcare spending method currently adopted at the central level, and using an alternative proposal that takes the needs of the population more into account. The project plans to apply state-of-the-art econometric methods and new microeconomics tools to contribute new empirical evidence to the debate on the effectiveness of a decentralized healthcare system.

Age-It: Ageing individuals in an ageing society

Nov 2022 - Mar 2026

Funding institution: *European Union – NextGenerationEU*. Age-It is a research partnership that aims to represent the reference standard in terms of socio-economic, biomedical, political, and technological solutions to improve the potential for inclusion in the aging processes of societies, making Italy the main scientific hub in the research on aging and a cutting-edge empirical laboratory on the aging process in line with the objectives and priorities of the PNRR 2021-2027. By applying a holistic, interdisciplinary and problem-solving oriented approach, Age-It allows to overcome the fragmentation of different perspectives on aging, creating a new collaboration platform with the involvement of partners, including research and education institutes, assistance and associations of civil society, businesses and industries.

Climate Security Observatory

Nov 2021 - Sep 2024

Funding institution: *International Center for Tropical Agriculture (CIAT)*. Research contracted for scientific support as part of research activities involving the development of a permanent observatory on the crisis climate in Africa (Climate Security Observatory). The long-term goal is to transfer to a dynamic platform that can be consulted by policymakers all the economic research conducted on the climate change issue by the organization.

Social and health frailty as determinants of inequality in aging

Dic 2021 - Dic 2023

Funding institution: *Italian Ministry of University and Research, National Interest Research Projects (PRIN 2020)*. The project addresses the following broad research questions: i) identification in the literature of frailty indicators for older people which could be used to stratify population; ii) implementation of the stratification procedures both in terms of health and socio-economic conditions with different administrative health databases, and possibly identifying a standard procedure; iii) evaluation of the different stratification procedures in terms of adverse health outcomes; iv) socioeconomic characterisation of different strata within different longitudinal studies, and identification of the critical points in health and socio-economic trajectories associated with frail health conditions in old age; v) disentanglement of the possible mechanisms that lead social and health frailty to unhealthy ageing and finally vi) implementation of a macro demo-economic model to estimate and project regional populations by demographic, socioeconomic variables and health status.

Sinergie per la Coesione

Jul 2021 - Nov 2022

Funding institution: *Department for Cohesion Policies at the Italian Presidency of the Council of Ministers*. The purpose of the assignment is to provide strategic support to the Department for Cohesion Policies at the Italian Presidency of the Council of Ministers through the preparation of quantitative analysis of the Cohesion Policies, using statistical information and granular databases for the definition of new policies and related economic and financial planning.

New data sources to evaluate EU SMEs policies and performance

Sep 2021 - Mar 2022

Funding institution: *European Commission, Joint Research Center*. Research contracted to assess the possibility of using web-based data to acquire useful information to enrich structural statistics on small and medium-sized enterprises. The main web-based data sources are: Google searches, data from Twitter and Vacancy-Cedefop. These data complement Eurostat data for spatial estimates on the number of enterprises, the number of employees, and value added. The project aims to study possible synergies and complementarities among differentiated sources and methods within official statistics European Union.

SADC Crisis Monitoring Observatory

May 2021 - Sep 2021

Funding institution: *International Center for Tropical Agriculture (CIAT)*. Research contracted for scientific support in research activities involving analysis of the impact of the COVID-19 pandemic on production systems agriculture, natural resources, biodiversity and local economies in countries belonging to the Southern African Development Community (SADC - Angola, Botswana, Comoros, Democratic Republic of Congo, Eswatini, Lesotho, Madagascar, Malawi, Mauritius, Mozambique, Namibia, Seychelles, South Africa, Tanzania, Zambia and Zimbabwe).

CIMMYT's work in food production-climate change nexus

Mar 2021 - Jun 2021

Funding institution: *CIMMYT (International Maize and Wheat Improvement Center)*. Research entrusted for a data-driven approach to monitoring the generation and dissemination of knowledge by development research organizations and an evaluation of CIMMYT's activities on climate change.

Improve the prospects for peace in the Dry Corridor and Ethiopia

Nov 2020 - Jun 2021

Funding institution: *International Center for Tropical Agriculture (CIAT)*. Research commissioned to explore how climate shocks affect food security and conflict risk in different countries and whether and how the World Food Program's climate-related programming is mitigating conflict risk. Geographic coverage includes the Dry Corridor and Ethiopia.

Leveraging Artificial Intelligence and Big Data for IFAD2.0

Sep 2019 - Dec 2020

Funding institution: *International Fund for Agricultural Development (IFAD)*. As part of the proposal "Innovation Challenge proposal Leveraging Artificial Intelligence and Big Data for IFAD2.0," the activity research concerns an analysis of IFAD's economic management based on the study of the official documents produced by the organization from 1981 to 2020. The economic techniques used to make use of innovative machine learning tools make it possible to identify the main trends and themes of the organization, particularly the share of resources that have been devoted to sustainable development.

Digital Research Methods to Evaluate CCAFS Policy Influence

Jun 2020 - Aug 2020

Funding institution: *CGIAR Research Program on Climate Change, Agriculture and Food Security (CCAFS)*. Research commissioned to study the latent impact of economic policies adopted by the organization. This impact is studied through the use of a set of keywords attributable to the fight against inequality and climate change that are used on the social media and websites of the partners of the projects.

SoBigData in ETH Zürich

Jul 2019 - Aug 2019

Funding institution: *European Union's Horizon 2020*. The activities are part of the SoBigData.eu project, which has received funding from the European Union's Horizon 2020 research and innovation program under Grant Agreements Nos. 654024 and 871042, the main purpose of the project is to promote the use of innovative algorithms derived from engineering computer science in economic analysis. It has been developed an algorithm for learning (machine learning) that makes it possible to predict the financial distress of local governments on the basis of financial, institutional, and socio-economic data.

SoBigData in GATE (University of Sheffield)

May 2017 - Jul 2017

Funding institution: *European Union's Horizon 2020*. The activities are part of the SoBigData.eu project, which received funding from the European Union's Horizon 2020 research and innovation program under grant agreements Grant Nos. 654024 and 871042. The main purpose of the project is to promote the use of Big Data in economic analysis. Thematic trends were used on a large amount daily Twitter posts to estimate how much the community values the eleven dimensions of well-being in the Better Life Index (OECD).

EDUCATION

2014 - 2020 PhD (Economics) at **Roma Tre University**

2008 - 2012 Master's degree in Political Science at **University of Florence**

VISITING

London School of Economics

2023-2025

International Inequalities Institute - London School of Economics (UK)

ETH Zürich

2019

Computational Social Science, Department of Humanities, Social and Political Sciences, ETH Zurich (Switzerland)

FISABIO-Salut Pública

2019

Foundation for the Promotion of Health and Biomedical Research of Valencia Region, FISABIO-Salut Pública, Valencia (Spain)

University of Sheffield

2017

Department of Computer Science, NLP research team, University of Sheffield (UK)

PUBLICATIONS

- Bucci, V., Ferrara, G., & Resce, G. (2024a). Female presence in local government and cost efficiency: The case of italian municipalities. *Regional Studies*, 58(1), 16–29.
- Bucci, V., Ferrara, G., & Resce, G. (2024b). Local government spending efficiency and fiscal decentralization: Evidence from italian municipalities. *Applied Economics*, 56(5), 599–614.
- Cirulli, V., Resce, G., & Ventura, M. (2024). Co-payment exemption and healthcare consumption: Quasi-experimental evidence from italy. *Empirical Economics*, 1–26.
- Garbero, A., Carneiro, B., Cerulli, G., & Resce, G. (2024). Leveraging artificial intelligence and machine learning analytics for development effectiveness: A comprehensive approach to extract insights from project data. *Journal of Development Effectiveness*, 1–30.
- Resce, G., & Vaquero-Piñeiro, C. (2024). Political favouritism and inefficient management: Policy-makers' birth town bias in eu quality certifications. *Journal of Policy Modeling*, 46(3), 683–702.
- Atella, V., Braione, M., Ferrara, G., & Resce, G. (2023). Cohesion policy funds and local government autonomy: Evidence from italian municipalities. *Socio-Economic Planning Sciences*, 87, 101586.
- Carnazza, G., Liberati, P., & Resce, G. (2023). Income-related unmet needs in the european countries. *Socio-Economic Planning Sciences*, 87, 101542.
- Delogu, M., Lagravinese, R., Paolini, D., & Resce, G. (2023). Predicting dropout from higher education: Evidence from italy. *Economic Modelling*, 106583.
- Liberati, P., Resce, G., & Tosi, F. (2023). The probability of multidimensional poverty: A new approach and an empirical application to eu-silc data. *Review of Income and Wealth*, 69(3), 668–700.
- Petrovito, F., Pozzolo, A. F., Resce, G., & Scialà, A. (2023). Fiscal decentralization and income (re) distribution in oecd countries' regions. *Structural Change and Economic Dynamics*, 67, 69–81.
- Brunori, P., Resce, G., & Serlenga, L. (2022). Searching for the peak: Google trends and the first covid-19 wave in italy. *International Journal of Computational Economics and Econometrics*, 12(4), 445–458.
- Carneiro, B., Resce, G., Läderach, P., Schapendonk, F., & Pacillo, G. (2022). What is the importance of climate research? an innovative web-based approach to assess the influence and reach of climate research programs. *Environmental Science & Policy*, 133, 115–126.
- Carneiro, B., Resce, G., & Sapkota, T. B. (2022). Digital artifacts reveal development and diffusion of climate research. *Scientific reports*, 12(1), 1–17.
- Liberati, P., & Resce, G. (2022). Regional well-being and its inequality in the oecd member countries. *The Journal of Economic Inequality*, 20(3), 671–700.
- Resce, G. (2022). The impact of political and non-political officials on the financial management of local governments. *Journal of Policy Modeling*, 44(5), 943–962.

- Resce, G., & Vaquero-Piñeiro, C. (2022). Predicting agri-food quality across space: A machine learning model for the acknowledgment of geographical indications. *Food Policy*, *112*, 102345.
- Resce, G., Zinilli, A., & Cerulli, G. (2022). Machine learning prediction of academic collaboration networks. *Scientific Reports*, *12*(1), 1–16.
- Antulov-Fantulin, N., Lagravinese, R., & Resce, G. (2021). Predicting bankruptcy of local government: A machine learning approach. *Journal of Economic Behavior & Organization*, *183*, 681–699.
- Benedetti, E., Resce, G., Brunori, P., & Molinaro, S. (2021). Cannabis policy changes and adolescent cannabis use: Evidence from europe. *International Journal of Environmental Research and Public Health*, *18*(10), 5174.
- Carnazza, G., Liberati, P., Resce, G., & Molinaro, S. (2021). Smoking and income distribution: Inequalities in new and old products. *Health Policy*, *125*(2), 261–268.
- Carrieri, V., Lagravinese, R., & Resce, G. (2021). Predicting vaccine hesitancy from area-level indicators: A machine learning approach. *Health Economics*, *30*(12), 3248–3256.
- Garbero, A., Carneiro, B., & Resce, G. (2021). Harnessing the power of machine learning analytics to understand food systems dynamics across development projects. *Technological Forecasting and Social Change*, *172*, 121012.
- Garbero, A., Resce, G., & Carneiro, B. (2021). Spatial dynamics across food systems transformation in ifad investments: A machine learning approach. *Food Security*, *13*(5), 1125–1143.
- Ishizaka, A., & Resce, G. (2021). Best-worst promethee method for evaluating school performance in the oecd’s pisa project. *Socio-Economic Planning Sciences*, *73*, 100799.
- Ishizaka, A., Resce, G., Fukuyama, H., & Genovese, A. (2021). Foreword: Decision making for environmental sustainability [Decision-Making for Environmental Sustainability]. *Socio-Economic Planning Sciences*, *75*, 101021.
- Resce, G. (2021). Wealth-adjusted human development index. *Journal of Cleaner Production*, *318*, 128587.
- Resce, G., & Schiltz, F. (2021). Sustainable development in europe: A multicriteria decision analysis. *Review of Income and Wealth*, *67*(2), 509–529.
- Coco, G., Lagravinese, R., & Resce, G. (2020). Beyond the weights: A multicriteria approach to evaluate inequality in education. *The Journal of Economic Inequality*, *18*(4), 469–489.
- Gerra, G., Benedetti, E., Resce, G., Potente, R., Cutilli, A., & Molinaro, S. (2020). Socioeconomic status, parental education, school connectedness and individual socio-cultural resources in vulnerability for drug use among students. *International journal of environmental research and public health*, *17*(4), 1306.
- Greco, S., Ishizaka, A., Resce, G., & Torrisci, G. (2020). Measuring well-being by a multidimensional spatial model in oecd better life index framework. *Socio-Economic Planning Sciences*, *70*, 100684.
- Lagravinese, R., Liberati, P., & Resce, G. (2020). Measuring health inequality in us: A composite index approach. *Social Indicators Research*, *147*(3), 921–946.
- Lagravinese, R., Liberati, P., & Resce, G. (2020). The impact of economic, social and cultural conditions on educational attainments. *Journal of Policy Modeling*, *42*(1), 112–132.

- Caravaggio, N., Caravella, S., Ishizaka, A., & Resce, G. (2019). Beyond co2: A multi-criteria analysis of air pollution in europe. *Journal of Cleaner Production*, 219, 576–586.
- De Matteis, D., Ishizaka, A., & Resce, G. (2019). The ‘postcode lottery’ of the italian public health bill analysed with the hierarchy stochastic multiobjective acceptability analysis. *Socio-Economic Planning Sciences*, 68, 100603.
- Lagravinese, R., Liberati, P., & Resce, G. (2019). Exploring health outcomes by stochastic multicriteria acceptability analysis: An application to italian regions. *European Journal of Operational Research*, 274(3), 1168–1179.
- Molinaro, S., Resce, G., Alberti, A., Andreoni, M., D Egidio, P. P., Leonardi, C., Nava, F. A., Pasqualetti, P., & Villa, S. (2019). Barriers to effective management of hepatitis c virus in people who inject drugs: Evidence from outpatient clinics. *Drug and alcohol review*, 38(6), 644–655.
- Nieto-Garcia, M., Resce, G., Ishizaka, A., Occhiocupo, N., & Viglia, G. (2019). The dimensions of hotel customer ratings that boost revpar. *International Journal of Hospitality Management*, 77, 583–592.
- Resce, G., Lagravinese, R., Benedetti, E., & Molinaro, S. (2019). Income-related inequality in gambling: Evidence from italy. *Review of Economics of the Household*, 17(4), 1107–1131.
- Ishizaka, A., Resce, G., & Mareschal, B. (2018). Visual management of performance with promethee productivity analysis. *Soft Computing*, 22(22), 7325–7338.
- Resce, G., & Maynard, D. (2018). What matters most to people around the world? retrieving better life index priorities on twitter. *Technological Forecasting and Social Change*, 137, 61–75.
- Alfiero, S., Elba, F., Esposito, A., & Resce, G. (2017). The impact of environmental factors on the measurement of managerial efficiency in the italian waste management sector: Framework and empirical evidence. *International Journal of Public Administration*, 40(10), 820–832.
- Patrizii, V., Pettini, A., & Resce, G. (2017). The cost of well-being. *Social Indicators Research*, 133(3), 985–1010.
- Patrizii, V., & Resce, G. (2015). Public sector contribution to competitiveness. *Italian Economic Journal*, 1(3), 401–443.

EDITORIAL AND REFEREEING ACTIVITY

- Editor: Economics & Statistics Discussion Papers
- Guest editor: Socio-Economic Planning Sciences, Special issue Decision Making for Environmental Sustainability
- Reviewer for: Social Indicators Research; Socio-Economic Planning Sciences; Technological Forecasting and Social Change; European Journal of Operational Research; ITU Journal: ICT Discoveries; Journal of Business Research; Tourism Review; Communications in Statistics; Preventive Medicine; Journal of Enterprise Information Management; Operational Research; International Journal of Hospitality Management; Sustainability; International Journal of Computational Economics and Econometrics; Land Use Policy; Structural Change and Economic Dynamics; Economics and Human Biology; Italian Economic Journal; Health Policy; Health Economics; Economia Politica; Urban Studies; Scientometrics; Energy Economics; Journal of Economic Behavior and Organization; Higher Education.

SEMINARS AND CONFERENCES

- Speaker at The 65th Annual Conference of the Italian Economic Association (October 24-26, 2024, Università di Urbino Carlo Bo).
- Speaker at AISRe (Associazione Italiana di Scienze Regionali) 2024 annual conference (September 4-6 2024, Turin).
- Speaker at the 6th International Conference on Advanced Research Methods and Analytics – Internet and Big Data in Economics and Social Sciences (26 - 28 June 2024 · Valencia, Spain).
- Speaker at the General Meeting Age-It: Ageing Well in an Ageing Society (May 20-22, 2024, Ca' Foscari University of Venice).
- Speaker at The 64th Annual Conference of the Italian Economic Association (October 19-21, 2023, Gran Sasso Science Institute - GSSI, L'Aquila).
- Speaker at AISRe (Associazione Italiana di Scienze Regionali) 2023 annual conference (September 6-8 2023, Naples).
- Invited Speaker at 11th Scientific Meeting of SIS Group - "Statistics for the Evaluation and Quality in Services" (August 30 - September 1 2023, Campus Pescara).
- Speaker at the 5th International Conference on Advanced Research Methods and Analytics – Internet and Big Data in Economics and Social Sciences (28 June – 30 June 2023 · Sevilla, Spain).
- Speaker at AISRe (Associazione Italiana di Scienze Regionali) 2022 annual conference (September 5-7 2022 at Politecnico di Milano, Milan).
- Keynote Speaker at the 4th International Conference on Advanced Research Methods and Analytics – Internet and Big Data in Economics and Social Sciences (29 June – 1 July 2022 · Valencia, Spain).
- Invited Speaker at 10th Scientific Meeting of the Research Group of Statistics for the Evaluation and Quality in Services (SVQS) of the Italian Statistical Society (January 27-28 2022 at the University of Campania "L. Vanvitelli", Caserta).
- Speaker at Conference on Non-traditional Data, Machine Learning and Natural Language Processing in Macroeconomics (November 17-19, 2021, Bank of Canada, online).
- Speaker at The 62nd Annual Conference of the Italian Economic Association (October 26-28, 2021, online).
- Invited Speaker at Comuni, bilanci e intelligenza artificiale: nuovi strumenti per la programmazione finanziaria? (October 15, 2021, Università degli Studi di Milano-Bicocca, Milan).
- Invited Speaker at XXI GDS17 meeting (October 4, 2021, Roma Tre University, Rome).
- Speaker at The 61st Annual Conference of the Italian Economic Association (October 20-23, 2020, online).
- Invited Speaker at 14th EAEPE Summer School: Pensions, Social Services and Welfare: What future in the age of financialization? (July 13-15, 2020, Roma Tre University, Rome).
- Speaker at S.I.E. - Società Italiana degli Economisti, Webinars (July 9, 2020, online).
- Speaker at International Web Workshop on Computational Economics and Econometrics (July 2, 2020, Research Institute on Sustainable Economic Growth - National Research Council of Italy, Rome).
- Invited Speaker at La dimensione "ottima" del comune Fusioni, unioni, gestione unificata delle funzioni (May 22, 2020, Ca' Foscari, Venezia).

- Speaker at LAIBD Data Sprint (January 14-16, 2020, IFAD, Rome).
- Speaker at LISBON ADDICTIONS 2019 Third European Conference on Addictive Behaviours and Dependencies (October 23-25, 2019, Lisbon Congress Centre, Lisbon, Portugal).
- Speaker at FeDerSerD - VIII Congresso Elettivo Nazionale, LA CLINICA DELLE DIPENDENZE (October 9-11, 2019, Centro Congressi Hotel Michelangelo, Milan - Italy).
- Speaker at 24th Annual Conference AIES - ITALIAN HEALTH ECONOMICS ASSOCIATION (October 3-4, 2019, Scuola Superiore Sant'Anna di Pisa, Pisa - Italy).
- Speaker at Winter School on Inequality and Social Welfare Theory (January 7-10, 2019, Alba di Canazei, Italy)
- 2nd European Alliance for Personalised Medicine Congress, Forward as one: Integrating Innovation into Europe's Healthcare Systems (November 26-28, 2018, Milan - Italy).
- Speaker at Towards the development of a Costs of Treatment Toolkit. Building a Toolkit: developing general guidelines, data and methods to estimate the costs of drug treatment in Europe (October 3, 2018, European Monitoring Centre for Drugs and Drug Addiction, Lisbon - Portugal).
- Speaker at XI Conferenza ESPAnet Italia (September 13-15, 2018, Università degli Studi di Firenze Polo delle Scienze Sociali, Florence - Italy).
- Speaker at VI International Workshop on Computational Economics and Econometrics (June 26-28, 2018, National Research Council of Italy - CNR, Rome - Italy).
- Speaker at Equity in Education Workshop (November 30 - December 1, 2017, Faculty of Economics & Business, Katholieke Universiteit Leuven - Belgium).
- Speaker at Società Italiana Degli Economisti, 58.ma Riunione Scientifica Annuale (October 19-21, 2017, Università della Calabria - Italy).
- 10th GATE Training Course: Mining social media content with GATE (June 26-30, 2017, University of Sheffield - UK)
- Speaker at PROMETHEE Days 2017 (May 11-12, 2017, Portsmouth Business School, University of Portsmouth - UK).
- Speaker at Research Seminar of the Economics and Finance subject group (May 9, 2017, Portsmouth Business School, University of Portsmouth - UK).
- Speaker at 4th Workshop on the Efficiency in Education (October 20-21, 2016, Politecnico di Milano School of Management, Milan - Italy).
- Annual Bank Conference on Development Economics 2016: Data and Development Economics (June 20-21, 2016, World Bank Headquarters, Washington DC - USA).
- Global Youth Forum 2016 (June 13-15, 2016, World Bank Headquarters, Washington DC - USA).
- Manage Successful Impact Evaluations (June 6-10, 2016, World Bank Headquarters, Washington DC - USA)
- 2016 Global Leadership Forum (June 1-3, 2016, World Bank Headquarters, Washington DC - USA).
- Speaker at Research Seminar of the Economics and Finance subject group (March 9, 2016, Portsmouth Business School, University of Portsmouth - UK).
- Course on Impact Evaluation Techniques for Policy Analysis: Concepts and Practices (October 5-9, 2015, Roma Tre University, Rome - Italy)
- Speaker at 13th International Conference on Data Envelopment Analysis - DEA2015 (August 24-27, 2015, Technische Universität - TU, Braunschweig - Germany).

- XXVI Course of Econometrics for PhD students CIDE (June 22-July 4, 2015, Bertinoro - Italy)
- 6th EAAE PhD Workshop (June 8-10, 2015, Roma Tre University, Rome - Italy).
- 10th Edition of Advanced Course in Innovation, Growth and International Production. Model and Data Analysis (April 20-24, 2015, Sapienza University, Rome -Italy)
- The Italian way towards Standard Expenditure Needs Workshop (June 6, 2014, Mef, Dipartimento delle Finanze, Sose, Rome - Italy).
- 11th International Conference on Data Envelopment Analysis - DEA2013 (June 27-30, 2013, University of Samsun, Samsun - Turkey).

TEACHING

Undergraduate

- **Microeconomics**, University of Molise 2020-2025
- **Economic Policy**, University of Molise 2020-2025

Graduate

- **Cost-Benefit Analysis**, University of Molise 2022-2025
- **Applied Development Economics**, University of Molise 2022-2025

Short courses

- **Machine Learning for Economists**, Ph.D. in Economics and Finance of territorial sustainability and well-being, University of Foggia 2023-2024
- **Machine Learning for Economists**, European Ph.D. in Socio-Economic and Statistical Studies, Sapienza University of Rome 2021-2024
- **Machine Learning in Economics and Business**, Master in Data Science, University of Calabria 2021-2024
- **Machine Learning with economic applications**, MATA school, University of Sassari 2021-2022
- **An Introduction to Machine Learning and Text Mining for economists using Sata, Python and R**, SIDE Summer School of Econometrics, Italian Econometric Association 2020-2021
- **Health Economics**, Roma Tre University 2017-2018

SKILLS

Computer Microsoft Office, R, Matlab, Python, Stata, SPSS, Q-gis, Gretl, SAS, and GATE
 Language **Italian**: Mother tongue; **English**: Fluent; **Spanish**: Basic

OTHER ACTIVITIES

Author for: La Voce, www.lavoce.info; Economia e Politica, www.economiaepolitica.it; Left, www.left.it; Etica ed Economia, www.eticaeconomia.it; Il Sole 24 ORE, www.ilsole24ore.com.