



UNIVERSITÀ
POLITECNICA
DELLE MARCHE

Globalization and workers' safety

Supervisor: Prof. Alessia Lo Turco
Co-supervisor: Prof. Matteo Picchio

Department of Economic and Social Sciences
(DiSES) - <https://dises.univpm.it/en/home-english/>



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Research Group Description

- ▶ **Prof. Alessia Lo Turco** (Professor of Economics at DiSES)
<https://orcid.org/0000-0002-6739-8864>, Scopus: 33 papers, 382 citations, h-index 11
- ▶ **Description of the professor expertise:**
Consequences of trade, migration and FDI on firms, workers and the geography of production.
- ▶ **Teaching activity:** International Economics (undergraduate, graduate, PhD level).
- ▶ **Research appointments and awards:** 2020 - Beatriz Galindo Senior 4-year Grant, Spanish Ministry of University, Universidad Jaume I, Castellón de la Plana (declined); 2018 - FFABR Grant (Italian Ministry of Education and Research) for top 25% Associate Professors; 2012 - "2nd prize of the Sakip Sabanci International Award" for a study on Turkey in the global crisis, Turkey; 2008 - Best Paper in Conference Award, Conference on Migration, Labour Market and Economic Growth in Europe after Enlargement, National Bank of Poland;
- ▶ **Research grants:** Coordinator of the following UNIVPM Post-Doc Research Grants: 2022-2024 – International factor movement, health and sustainability; 2014-2016 - The offshoring of tasks and its labour market implications. An analysis of skill and gender wage disparities; 2012-2013 - Firms internationalisation strategies: exports, imports and innovation; 2010-2012 - Firms internationalisation strategies: determinants and effects on efficiency and labour demand. Oct.2003- Feb.2004 Marie Curie Fellowship for Young Researchers, University College Dublin, Dublin, Ireland;
- ▶ **Most recent/relevant publications:**
 - The Knowledge and Skill Content of Production Complexity (with Daniela Maggioni), 2022, Research Policy, 51(8)
 - Do migrants affect the local product mix? An analysis of the effects and underlying mechanisms, 2022, Journal of Economic Geography, 22(4): 755-777
 - Local discoveries and technological relatedness: the role of MNEs, imports and domestic capabilities (with Daniela Maggioni), 2022, Journal of Economic Geography, 19(5): 1077-1098
 - New and Improved: Does FDI Boost Production Complexity in Host Countries? (with Beata Javorcik and Daniela Maggioni), 2018, Economic Journal, 128(614): 2507-2537
 - Does Product complexity matter for firms' output volatility? (with Mauro Gallegati and Daniela Maggioni), 2016, Journal of Development Economics, 121: 94-109





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Research Group Description

▷ **Prof. Matteo Picchio** (Professor of Economics at DiSES)
<https://orcid.org/0000-0001-6996-4957>, Scopus: 32 papers, 484 citations, h-index 12

▷ **Description of the professor expertise:**
Treatment evaluation, unemployment duration and future working life, gender inequalities, economics of education and health economics.

▷ **Teaching activity:** Microeconomics (undergraduate), Microeconometrics (graduate, PhD level).

▷ **Research appointments and awards:** Associate editor of Journal of Economic Behavior & Organization since June 2015; Member of the Board of the Italian Association of Labour Economists since 2019; 2012 Ezio Tarantelli Prize for Labour Economics; Expert evaluator for Horizon Europe 2021-2024 and H2020 2016-2020 work programmes; IZA Research Fellow since 2010; GLO research fellow, since 2017; affiliated researcher to the Department of Economics of Ghent University since 2011 and corresponding member of IRES of Université Catholique de Louvain since 2009.

▷ **Research grants:** Cariverona Foundation grant for one Ph.D. scholarship “Labour Market Entries and Labour Market Exits”, 2019-2022; Research grant “Piano strategico di Ateneo 2016” from Università Politecnica delle Marche; FWO (Fonds voor Wetenschappelijk Onderzoek) post-doc researcher at Ghent University, Department of Social Economics and Sherppa (2011-2014, grant declined in 2012)

▷ **Most recent/relevant publications:**

- The Impact of High Temperatures on Performance in Work-Related Activities (with J.C. van Ours), 2024, Labour Economics, 87: 102509
- If Not Now, When? The Timing of Childbirth and Labour Market Outcomes (with C. Pignini, S. Staffolani, and A. Verashchagina), 2021, Journal of Applied Econometrics, 36: 663-685
- Modeling the Effects of Grade Retention in High School (with B. Cockx and S. Baert), 2019, Journal of Applied Econometrics, 34: 403-424
- Labour Supply Effects of Winning a Lottery (with S. Suetens and J.C. van Ours), 2018, The Economic Journal, 128: 1700-1729
- Scarring Effects of Remaining Unemployed for Long-Term Unemployed School-Leavers (with B. Cockx), 2013, Journal of the Royal Statistical Society Series A, 176 (4): 951-980





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Research Group Description

The Department of Economics and Social Sciences of Università Politecnica delle Marche is characterized by a large research group of applied economists that are specialized in international economics, innovation economics, labour economics, and environmental and regional economics as well as by a group of micro-econometricians who develop computational methods and innovative models for macro and microdata. Furthermore, a group of sociologists is active in the study of welfare and health systems.

The supervisor and co-supervisor participate to the research activities of these groups with their own individual research and in collaboration with other scholars from the same Department or from other institutions.

In this respect their research network also includes scholars specialized in:

- International economics from the Catholic University of Milan, Sapienza University of Rome, the Department of Economics of Aix-Marseille, the Department of Economics of the University Jaume I of Castellon de la Plana, the Economic Commission-Joint Research Center, and the European Bank for Reconstruction and Development.
- Labor economics and health economics from Ghent University, Erasmus University Rotterdam, Luxembourg Institute of Socio-Economic Research, University of Leicester, Masaryk University, Università del Piemonte Orientale, Università degli Studi di Salerno and the IZA Institute of Labor Economics.



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The Department of Economics and Social Sciences

Director: Prof. Maria Cristina Recchioni

The Department of Economics and Social Sciences (DiSES) was established on 1 July 2011 from the merger of the Department of Economics with the Historical and Sociological area of the Department of Social Sciences, and the Applied Economics area of the Department of Management and Industrial Organization.

45 professors and researchers are affiliated with the Department: 27 belong to the economics area, 8 to economic statistics, 6 to the social sciences area, and 4 to economic history. The technical and administrative staff is made up of 10 people: the administrative secretary, 5 administrative and 4 technicians.

The main research areas developed concern: Growth and Economic Development, Demography, Econometrics, International Economics and Trade, Environmental Economics, Labor Economics, Industrial, Business and Innovation Economics, Monetary Economics, Public Economics, Regional Economics, Macroeconomics, Economic Sociology, Social and Health Organizations, Economic Statistics, History of Economic Thought, and Economic History.

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AT A GLANCE

DISES



45 professors
and
researchers

Bachelor Degree in:

- Digital Economics and Business
- Economics and Business

Master Degree in:

- Economic and Financial Sciences
- Data Science for Business Management
- International Economics and Commerce



Board Members and Associate Editors

- European Journal of Operational Research
- Journal of Economic Behavior & Organization
- Journal of Economic Interaction and Coordination
- Journal of Small Business Management
- Small Business Economics
- Italian Economic Journal



Ph.D. in Economics



Research center: CRIS
Research group: MoFiR

Public Engagement:

- Paolo Canofari: Independent expert for the Economic and Monetary Affairs Committee of the European Parliament;
- Francesco Maria Chelli: ISTAT pro tempore President;
- Marco Cucculelli: General Secretary of the Italian Economic Association; Top 2% Most Influential Scientists (Ranking Stanford);
- Riccardo Lucchetti: Member of the GRETL developer team



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Project Idea: Globalization and workers' safety

Background: Recent data show that Work-related mortality is responsible for 5-7% of all global deaths and the occupational injury rate is higher among men and immigrants.

At the same time, increasing [↑]trade and investment integration between [↑]high- and [↓]low-income economies and the upsurge of migration flows from low to high income countries have deeply affected production processes and the within-firm organization of work.

So far, limited attention has been paid to the effects of globalization forces on working conditions and safety at work.

The **project** intends to fill this gap by providing **empirical studies** based on available **data at injury level** from different countries to be **matched** at **firm** and/or **territorial level** with data on **trade**, **FDI** and **migration**.

The aim is

- a) to address and compare the **impact of immigration** on the safety of both immigrant and native workers;
- b) to investigate for the first time the effects of **offshoring**, and **multinational practices** on native and immigrant workers' injuries;
- c) to explore the potential **moderating role of low skilled immigration** for the effects of import competition on workers' safety.



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Globalization and workers' safety
Excellence and Impact of the Proposal

The project will promote the excellence of the ERA by

- Highlighting for the first time a comprehensive picture of if and how the re-organization of work that is induced by globalization and firm internationalization strategies affects workers' safety;
- Providing an interdisciplinary approach by mixing competences from international, labor and health economics and from these economic fields with sociological competences on health and safety systems;
- Providing the researcher a stimulating and excellent research environment to develop skills and abilities in applied research in the above mentioned fields;
- Delivering research output to disseminate through excellent professional and non-technical publications and through high-profile dissemination events.

With its focus on working conditions, the project is expected to have an important scientific, societal and economic impact by providing original methods and evidence to

- Support new policies at firm and aggregate level to promote the EC priorities «An Economy that works for the People» and «Promoting our European Way of Life»;
- Promote the achievement of the eighth SDG – Decent Work and Economic Growth;