

LUCIA TAJOLI

CURRICULUM VITAE

(January 2021)

1. MAIN AFFILIATION

Dipartimento di Ingegneria Gestionale www.som.polimi.it
Politecnico di Milano
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2. ACADEMIC POSITIONS

2.1 CURRENT ACADEMIC POSITIONS

Full Professor of Political Economics at Politecnico di Milano, Department of Management, Economics & Industrial Engineering since October 2014.

Member of the Executive Board (Giunta) of the School of Management of Politecnico di Milano.

Member of the Faculty of the Ph.D. program in Management Engineering (DRIG) of Politecnico di Milano.

Deputy Director for International Accreditations of the Department of Management, Economics & Industrial Engineering.

Member of the Scientific Committee of the Observatory on Digital Exports of Politecnico di Milano.

2.2 PAST ACADEMIC POSITIONS

- Associate Professor of Economics at Politecnico di Milano 2001-2014;
- Visiting Professor in International Economics and European intergration at University of Michigan, Ford School of Public Policy in 2003, 2007, 2012;
- Lecturer in International Economics, Scuola di Studi Superiori Sant'Anna, Pisa, 2011-2015;
- Assistant Professor of Economics at Politecnico di Milano 1996-2001;
- Lecturer in International Economics, Università Bocconi 2010-2016;
- Lecturer in Economics, Università Bocconi, 1993-1996.

3. ADDITIONAL CURRENT POSITIONS

- Senior associate research fellow, Italian Institute for International Political Studies (ISPI), Milano (<https://www.ispionline.it/it/pubblicazioni-ricercatore/59>) .
- Member of the Editorial Board of Plos One (<https://journals.plos.org/plosone/>)
- Member of the Editorial Board of Rivista di Politica Economica
- Member of the Scientific Committee of the European Trade Study Group.
- Member of the Coordination Committee of the Italian Trade Study Group.
- Member of the Scientific Committee of Fondazione Masi, Roma.
- Member of the Regency Committee of the Bank of Italy, Milan chapter.
- Member of 100 esperte, www.100esperte.it

4. EDUCATION

- Ph.D. in Economics, Università Bocconi, Milano (Italy), 1994.
- Certificate of Advanced Studies in International Economic Policy Research, Institute of World Economics, Kiel (Germany), 1991.
- Bachelor degree in Economics, Università Bocconi, Milano (Italy), 1988.

5. RESEARCH

Her research activity focuses on theoretical and empirical issues related to international trade and economic integration among countries, also at different level of development. She was involved in different research projects with a specific focus on international fragmentation of production and its effects on growth and income distribution, also in the context of European integration and in the process of economic transition. More recently she worked on applications of network analysis on international economic problems. As a research fellow at the Italian Institute for International Political Studies she coordinated the research projects on the political and economic aspects of integration of Central and Eastern European countries within the EU, and she is currently working on European trade policy and trade agreements.

On these topics, she published about one hundred scientific works on national and international journals, in edited volumes and in working papers collections. She is ranked among Top 10% Female Economists (as of January 2021) by Repec (<https://ideas.repec.org/top/top.women.html>). She participated to many national and international research projects in the field on international economics, also in the role of principal investigator or coordinator of specific research units. She is regularly invited as a speaker in foreign universities and institutions and in international conferences.

5.1 MAIN RECENT RESEARCH PROJECTS

- *The use of trade data to understand the market penetration of climate technologies*, project financed by the EBRD
- *Non-tariff measures, standards and certifications in international trade*, project financed by Accredia

- *Countries' position in global value chains, centrality in the world markets and shocks' transmission through international production chains.*
- *Export and e-commerce of Italian firms*, research project financed by the Italian Trade Agency.
- *International trade and network analysis*, research project of national interest financed by the Italian Ministry of Education and Research.

5.2 MAIN RECENT SCIENTIFIC PUBLICATIONS

- Stephenson M., MFS Hamid, A. Peter, K.P. Sauvart, A. Seric, L. Tajoli (2021), More and better investment now! How unlocking sustainable and digital investment flows can help achieve the SDGs, *Journal of International Business Policy*.
- Tajoli L. (2020), Trasformazioni digitali e competitività internazionale delle imprese italiane, *Rivista di Politica Economica*, vol. 1: La trasformazione digitale: sfide e opportunità per l'economia italiana.
- Tantardini, M., Ieva, F., Tajoli, L., Piccardi C. (2019), Comparing methods for comparing networks. *Scientific Reports* 9, 17557 doi:10.1038/s41598-019-53708-y
- De Lombaerde P., Iapadre P., McCranie A., Tajoli L., (2018), Using Network Analysis to Study Globalization, Regionalization and Multi-Polarity – Introduction to Special Section, *Network Science*, Vol. 6, issue 4, December.
- Piccardi C, Tajoli L (2018), Complexity, centralization, and fragility in economic networks. *PLoS ONE* 13(11): e0208265. <https://doi.org/10.1371/journal.pone.0208265>
- Tajoli, L., Felice, G. (2018), Global value chains participation and knowledge spillovers in developed and developing countries: An empirical investigation, *European Journal of Development Research*, Vol. 30, Issue 3, pp. 505-532.
- Cingolani, I., Iapadre, L., Tajoli, L. (2018), International production networks and the world trade structure, *International Economics*, vol. 153.
- De Benedictis L., L. Tajoli (2018), Global and local centrality of emerging countries in the world trade network, in *Networks of International Trade and Investment. Understanding globalisation through the lens of network analysis*, S. Gorgoni, A. Amighini, M. Smith (Eds.), Vernon Press.
- Abbate, A., De Benedictis, L., Fagiolo, G., Tajoli, L. (2018), Distance-varying assortativity and clustering of the international trade network. *Network Science*, 1-28. doi:10.1017/nws.2018.7
- Piccardi C., M. Riccaboni, L. Tajoli, Z. Zhu (2018), Random walks on the world input–output network, *Journal of Complex Networks*, <https://doi.org/10.1093/comnet/cnx036>.
- Cingolani I., P. Panzarasa, L. Tajoli (2017), Countries' positions in the international global value networks: Centrality and economic performance, DOI:10.1007/s41109-017-0041-4, pp.2-21, *Applied Network Science*, vol. 2.

- Iapadre P.L., L. Tajoli (2017), Assessing Globalization and Regionalization Through Network Indices, in *Indicator-based Monitoring of Regional Economic Integration*, P. De Lombaerde e Edgar Saucedo, eds., UNU/Springer.
- Tajoli L. (2017), Internazionalizzazione delle imprese, crescita economica e accordi commerciali, *Stato e Mercato*.
- De Benedictis L., L. Tajoli (2016), Comparative advantage and centrality in the world network of trade and value added: an analysis of the Italian position, *Rivista di Politica Economica*, VII-IX.
- Giusti S, L. Tajoli (2016), The pros and cons of de facto Polish opting out of EMU, in *Europe in Crisis. A structural analysis*, L.S. Talani ed., Palgrave Macmillan, 2016.
- Horgos D., L. Tajoli (2015), How Offshoring Can Affect the Industries' Skill Composition, *Economies*, vol. 3 (2), pp.72-99.
- Cingolani, I., C. Piccardi, L. Tajoli, (2015), Discovering Preferential Patterns in Sectoral Trade Networks., DOI:10.1371/journal.pone.0140951. pp.e0140951-1-e0140951-16, *PLOS ONE*, vol. 10 (10).
- Piccardi C., L. Tajoli (2015), Are Preferential Agreements Significant for the World Trade Structure? A Network Community Analysis, *Kyklos*, Vol. 68, No. 2.
- Falzoni A.M. , L. Tajoli (2015), International Fragmentation of Production and Trade Volatility: An Analysis for the European Countries, *Modern Economy*.
- De Benedictis, L., S. Nenci, G. Santoni, L. Tajoli, C. Vicarelli (2014), Network Analysis of World Trade using the BACI-CEPII dataset, *Global Economic Journal*, Vol. 14, Issue 3-4.
- Iapadre P.L., L. Tajoli (2014), Emerging countries and trade regionalization. A network analysis, *Journal of Policy Modeling*, doi [10.1016/j.jpolmod.2013.10.010](https://doi.org/10.1016/j.jpolmod.2013.10.010).

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<https://scholar.google.it/citations?user=uUgBLacAAAAJ&hl=en&oi=ao>

5.3 MOST CITED SCIENTIFIC PUBLICATIONS

- De Benedictis L., L. Tajoli (2011), The world trade network, *The World Economy*, 34 (8), 1417-1454.
- Baldone S. , F Sdogati, L Tajoli (2001), Patterns and determinants of international fragmentation of production: evidence from outward processing trade between the EU and Central Eastern European countries, *Weltwirtschaftliches Archiv* 137 (1), 80-104.
- Helg R. , L Tajoli (2005), Patterns of international fragmentation of production and the relative demand for labor, *The North American Journal of Economics and Finance* 16 (2), 233-254.

5.4 ADDITIONAL RECENT PUBLICATIONS

- Bruni F., Tajoli L. (2020), Il mondo economico-finanziario: globale o frammentato?, in *Rapporto ISPI 2020 - Lavori in corso: la fine di un mondo, atto II*, a cura di A. Colombo e P. Magri.
- E. Marvasi, L. Salvatici, L. Tajoli, (2019) International trade in the 21st century: the role of non-tariff measures and international certifications, excerpt from *Commercio internazionale, il valore dell'accreditamento e della normazione*, Osservatorio Accredia n.1, 2019.
- L. Tajoli (2019), Tariff wars: the end of the WTO?, in *The end of a world. The decline of the liberal order. ISPI Report 2019*, A. Colombo and P. Magri (eds.), Ledizioni LediPublishing.
- Giuffrida M., R. Mangiaracina, E. Marvasi, L. Tajoli (2018), *Esportazioni e e-commerce delle imprese italiane*, Rapporto Agenzia ICE.
- Cingolani I., P. Panzarasa, L. Tajoli (2018), La centralità dei paesi nelle catene globali del valore, in *L'Italia nell'economia internazionale. Rapporto ICE 2017-2018*.
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6. TEACHING ACTIVITY

Courses held at Politecnico di Milano:

- Economics (Bachelor level, Corso di laurea in Ingegneria Gestionale)
- International Economics (MSc. level, Corso di Laurea Magistrale in Ingegneria Gestionale)
- International Markets and European Institutions (MSc. level, Corso di Laurea Magistrale in Ingegneria Gestionale)
- Macroeconomics (MBA and EMBA, MIP business school)
- International Economics and Business (MBA and EMBA, MIP business school)

She taught for a number of years International Economics in the PhD in Management Engineering at Politecnico and in the PhD in Economics at Sant'Anna School in Pisa. She collaborated to the Polimi Open Knowledge course “Fundamentals of Economics” (ECON 101). She has been invited as visiting professor in many universities in Europe and abroad.