

# ELISA FLORI

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## PERSONAL DETAILS

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**Date of birth** August 8, 1996  
**Place of birth** Scandiano (Reggio Emilia), Italy  
**Citizenship** Italian

**Web sites** phdlavorosviluppoinnovazione.it/elisa-flori  
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## CURRENT POSITION

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**Department of Economics and Finance, LUISS Guido Carli** **Italy**  
Research Fellow. Project: NRRP PRIN 2022 July 2024 - Pres.  
Global value chains, digitalisation and polarisation in Europe  
*Supervisor: Prof. Maria Savona*

## RESEARCH INTERESTS

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Network analysis, agent-based modeling and simulation, global value chains

## EDUCATION

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**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
PhD in Labour, Development and Innovation 2021 - Pres.  
Thesis: Essays on Applied Network Theory  
*Supervisors: Prof. Francesco Pattarin and Prof. Giovanni Solinas*

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
MSc in Financial Analysis, Consulting and Management (Grade: 110/110) 2018 - 2021

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
BSc in Business Administration (Grade: 110/110 cum laude) 2015 - 2018

## VISITING PERIODS

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**Department of Economics, University of Bologna** **Italy**  
 Reading group: International and spatial economics May 2024 - Pres.  
*Supervisor: Prof. Stefano Bolatto and Prof. Antonio Minniti*

**Center for Digital Transformation, TUM School of Management** **Germany**  
 Project: Sustainable finance and resilience of supply chains Sept. 2023 - Feb. 2024  
*Supervisor: Prof. Sebastian Müller*

## OTHER COLLABORATIONS

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**Department of Economics and Management, University of Trento** **Italy**  
 Project: PANSIM. Agent based models and network analysis to 2022 - Pres.  
 evaluate the impact of Covid pandemic on supply-chain networks  
*Supervisor: Prof. Sandra Paterlini*

## SUMMER SCHOOLS

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**Center for Digital Transformation, TUM School of Management** **Germany**  
 Emerging Topics in Operations Management: Data Analytics and Sept. 25 - 29, 2023  
 OM-Finance Interface

**University Residential Centre of Bertinoro** **Italy**  
 Panel Data Econometrics: Theory and applications July 10 - 15, 2023

**Ca' Foscari Department of Economics, University of Venice** **Italy**  
 Advanced Bayesian Econometrics: Bayesian Multivariate Models Aug. 29 - Sept. 2, 2022  
 and Forecasting in Economics and Finance

## TEACHING EXPERIENCE

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**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
 Lecturer in:  
 ○ Economics of financial intermediaries (BSc) AY 2022 - 2023  
 ○ Finance and markets (MSc) AY 2022 - 2023  
 Teaching Assistant in:  
 ○ Introductory macroeconomics (BSc) AY 2024 - 2025  
 ○ Finance and markets (MSc) 2022 - Pres.  
 ○ Economics of financial intermediaries (BSc) 2022 - 2024  
 ○ Financial analysis (MSc) AY 2021 - 2022

*Address: Viale Berengario 51, 41121 Modena*

## OTHER ACADEMIC ACTIVITIES

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**Marco Biagi Foundation, University of Modena and Reggio Emilia** **Italy**  
 Co-organizer of PhD Seminars 2021 - 2024  
 Co-organizer of Marco Biagi Conference 2022 - 2023  
*Address: Largo Marco Biagi 10, 41121 Modena*

**Manfredo Fanti Science High School** **Italy**  
 Presenter of the BSc and MSc Courses for Career Orientation Days 2024  
*Address: Viale Peruzzi 7, 41012 Carpi (Modena)*

**Marco Biagi Department of Economics, University of Modena and Reggio Emilia** **Italy**  
 Presenter of the PhD Course for Career Orientation Days 2022 - 2023  
*Address: Viale Berengario 51, 41121 Modena*

## PARTECIPATION IN RESEARCH PROJECTS

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- FAR 2024. MINA-m4c2: Research and innovation in the NRRP. New innovation intermediaries and new partnership models? Multilayer analysis of agents and investment areas. PI: Prof. Simone Righi. Marco Biagi Department of Economics, University of Modena and Reggio Emilia.
- NRRP PRIN 2022. Global value chains, digitalisation and polarisation in Europe. Project funded by European Union - Next Generation. Grant P2022XMYWW. PI: Prof. Maria Savona. Department of Economics and Finance, LUISS Guido Carli.
- FAR 2023. Spatio-temporal dynamics of regional technological knowledge for analysing the transition to electric vehicles using patent and employment data. PI: Prof. Margherita Russo. Marco Biagi Department of Economics, University of Modena and Reggio Emilia.
- PANSIM 2021. Agent Based Models and Network Analysis to evaluate the impact of Covid pandemic on supply-chain networks. PI: Prof. Sandra Paterlini. Department of Economics and Management, University of Trento.

## CONFERENCES AND WORKSHOPS

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**Department of Economics, Society and Politics, University of Urbino Carlo Bo** **Italy**  
 Italian Economic Association 65<sup>th</sup> Annual Conference Oct. 24 - 26, 2024

**Edinburgh Campus, Heriot-Watt University** **Scotland**  
 44<sup>th</sup> Sunbelt Conference June 24 - 30, 2024

**Marco Fanno Department of Economics and Management, University of Padova** **Italy**  
 XIX BoMoPaV Economics Meeting May 30, 2024

**Department of Economics, University of Bologna** **Italy**  
 XXV Workshop on Quantitative Finance Apr. 11 - 13, 2024

**Faculty of Economics, Sapienza University of Rome** **Italy**  
 46<sup>th</sup> Eurasia Business and Economics Society Conference Jan. 10 - 12, 2024

**Center for Digital Transformation, TUM School of Management** **Germany**  
 Workshop on Current Research Trends in Sustainable Finance Nov. 16 - 17, 2023

<b>Gredeg Research Laboratory, Université Côte d’Azur</b> 10 <sup>th</sup> Annual CIRANO-Sam M. Walton College of Business Workshop on Networks in Trade and Finance	<b>France</b> Oct. 20 - 21, 2023
<b>Solbosch Campus, Université Libre de Bruxelles</b> 31 <sup>st</sup> International Colloquium of Gerpisa	<b>Belgium</b> June 27 - 30, 2023
<b>Marco Biagi Department of Economics, University of Modena and Reggio Emilia</b> “Industry 4.0 Ten Years Later: Digital Transformations in Manufacturing and Work” Conference	<b>Italy</b> May 17 - 19, 2023
<b>Angevin Castle of Gaeta, University of Cassino and Southern Lazio</b> XVI International Workshop on Artificial Life and Evolutionary Computation	<b>Italy</b> Sept. 14 - 16, 2022
<b>Marco Biagi Foundation, University of Modena and Reggio Emilia</b> “A multi-criteria approach to social indicators” Workshop	<b>Italy</b> May 18, 2022
<b>Marco Biagi Department of Economics, University of Modena and Reggio Emilia</b> “The car industry and China in the era of electric car and sustainable mobility” Conference	<b>Italy</b> July 2, 2021

## INVITED SEMINARS

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<b>Department of Economics, University of Bologna</b> “GVC networks and firm-to-firm matching”	<b>Italy</b> May 21, 2024
<b>Marco Biagi Foundation, University of Modena and Reggio Emilia</b> “Assessing the role of Chinese suppliers in the European automotive market”	<b>Italy</b> Mar. 25, 2024
<b>Enzo Ferrari Department of Engineering, University of Modena and Reggio Emilia</b> “A network perspective on the DAX 30 supply chain: Stylized facts and resilience”	<b>Italy</b> Feb. 23, 2024

## WORK EXPERIENCE

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<b>Deutsche Bank Financial Advisors</b> Internship <i>Address: Via Vittime 11 Settembre 2001 25R, 41049 Sassuolo (Modena)</i>	<b>Italy</b> May 2018 – July 2018
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## IT SKILLS

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<b>Office suite</b>	Word, Excel, Power Point
<b>Other text editors</b>	L <sup>A</sup> T <sub>E</sub> X
<b>Database</b>	Bloomberg Terminal, Thomson Reuters Eikon, Aida
<b>Econometric software</b>	Proficient in R Familiar with Matlab, Python, Stata

## PUBLICATIONS AND WORKING PAPERS

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### Articles in peer-reviewed journals

1. **Flori, E.**, Paterlini, S., Pattarin, F., and Villani, M. Evaluation of the pandemic impact on global automotive supply chain through network analysis. *Accepted in the Journal of Economic Interaction and Coordination*.
2. **Flori, E.**, Caruso, G., Pattarin, F., and Solinas, G. (2024). The global structure of the automotive industry: A network-based view. *International Journal of Automotive Technology and Management* 24(2), 193-216.
3. Doś, A., Błach, J., Lipowicz, M., Pattarin, F., and **Flori, E.** (2023). Institutional drivers of voluntary carbon reduction targets setting. Evidence from Poland and Hungary. *Sustainability* 15(14), 111555.

### Chapters in edited books

4. **Flori, E.**, Zhu, Y., Paterlini, S., Pattarin, F., and Villani, M. (2022). Spread of perturbations in supply chain networks: The effect of the bow-tie organization on the resilience of the global automotive system. In: De Stefano, C., Fontanella, F., Vanneschi, L. (Eds.), *Artificial Life and Evolutionary Computation. WIVACE 2022. Communications in Computer and Information Science* 1780. Springer, 40-57.

### Working papers

5. **Flori, E.**, von Jacobi, N., Segnana, M. L., and Paterlini, S. A network perspective on the DAX 30 supply chain: Stylized facts and resilience. Available at SSRN 4669504.
6. **Flori, E.**, Paba, S., and Pattarin, F. Assessing the role of Chinese suppliers in the European automotive market. *Ongoing project*.
7. Doś, A., **Flori, E.**, Łasak, P., and Pattarin, F. Institutional and organizational patterns of cyber security performance in corporations – international evidence. *Ongoing project*.

## GRANTS AND AWARDS

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- PhD Scholarship for the doctoral research program in Labour, Development and Innovation conferred by Marco Biagi Foundation, University of Modena and Reggio Emilia (XXXVII cycle).
- Special Mention for the master thesis conferred by Paolo Leon Award Committee, Piero Sraffa Research and Documentation Centre (2022 edition).
- Master Degree Award as the best thesis on social, psychological and economic impact of the Covid-19 pandemic conferred by the Single Guarantee Committee for equal opportunities, enhancement of the well-being of those who work and against discrimination, University of Modena and Reggio Emilia (2021 edition).

## REFERENCES

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**Prof. Francesco Pattarin**

Marco Biagi Department of Economics  
University of Modena and Reggio Emilia  
Modena, Italy  
[francesco.pattarin@unimore.it](mailto:francesco.pattarin@unimore.it)

**Prof. Sandra Paterlini**

Department of Economics and Management  
University of Trento  
Trento, Italy  
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Modena

December 19, 2024

