

# Filippo Bontadini

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LUISS Guido Carli University, Department of Business and Management  
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Citizenship: Italian.

## RESEARCH INTERESTS

Global Value Chains (GVCs), digitalisation, intangible assets, productivity, international trade, economic development.

## CURRENT POSITION

*Assistant Professor (RTD-A)*, [LUISS Guido Carli University](#), Rome, Italy  
Researcher on the [EUKLEMS & INTANProd](#) Team  
10/2022 - Present

*Consultant* on the Task Force on Structural Policy Analysis of the OECD and the Italian Ministry of Economy and Finance,  
09/2022 - Present

Other affiliations:

*Associate Fellow* [Sciences Policy Research Unit \(SPRU\)](#), [University of Sussex](#), Brighton, UK  
2019-Present

Italian national qualification as Associate Professor in Applied Economics.

## REFERENCES

Maria Savona  
Sciences Policy Research Unit (SPRU) – University of Sussex  
LUISS University, Department of Economics and Finance.  
[m.savona@sussex.ac.uk](mailto:m.savona@sussex.ac.uk)

Jonathan Haskel  
Imperial College Business School  
Bank of England - Monetary Policy Committee (External Member).  
[j.haskel@imperial.ac.uk](mailto:j.haskel@imperial.ac.uk)

Valentina Meliciani  
LUISS University, LUISS Institute for European Analysis and Policy and Department of Business and Management.  
[vmeliciani@luiss.it](mailto:vmeliciani@luiss.it)

Tommaso Ciarli  
UNU-MERIT.  
Science Policy Research Unit (SPRU) – University of Sussex.  
[ciarli@merit.unu.edu](mailto:ciarli@merit.unu.edu)

## ACADEMIC BACKGROUND

*Ph.D. Science and Technology Policy Studies*  
2014-19

[Sciences Policy Research Unit \(SPRU\)](#), [University of Sussex](#), Brighton, UK

- Thesis title *Trade and Economic Development in Global Value Chains: Insights from Input-Output Analysis and Customs Transaction Level Data*. Submitted on 06/12/2018, viva voce passed with minor corrections on 07/02/2019.  
Supervisors: [M. Savona](#) and [T. Ciarli](#).  
Examiners: [X. Fu](#) and [P. Holmes](#).

*Dual M.Sc. Development, Environment and Cooperation & Applied Geo-Economics*  
2011-13

- [University of Turin Cognetti de Martiis Economics Department, Turin, Italy.](#) - Passed *summa cum laude*.
- [SicencesPo Bordeaux, France](#) - Passed with full marks and honours (*mention bien*), top 3% of the class.

**Programming Skills:**

- R for data cleaning, manipulation.
- STATA for econometric analysis

**Languages:** native Italian speaker; Full fluency in English, French; Working proficiency in Spanish and Dutch.

**POLICY WORK** Policy and consultancy work for several institutions: Organisation for Economic Cooperation and Development (OECD); Italian Council of Ministers; the Italian Ministry for Foreign Affairs and International Cooperation; the UK Department for Digital, Culture, Media and Sport (DCMS); the European Commission (DGEFIN, DGEMP); the European Trade Union Institute (ETUI); the UN Economic and Social Commission for Latin America and the Caribbeans (UNECLAC); the United Nations Economic and Social Commission for Asia and the Pacific (UNESCAP).

**ACADEMIC POSITIONS**

*Research Fellow*, [LUISS Guido Carli University](#), Rome, Italy  
2020-22  
Research on Digital Innovation, Inequality and Global Value Chains.

*Research Fellow*, [SciencesPo - OFCE](#), Nice, France  
2019-20  
Research on Trade in Green Goods funded by INNOPATHS Horizon 2020 Research Project.

*Research Assistant*, [Institute of Development Studies](#), Brighton, UK  
2017-19  
Research on linking into Global Value Chains and SITA project, funded by UK Department for International Development (DFID)

*Research Assistant*, [Tradesift - Inter Analysis](#), Brighton, UK  
2018  
R programming for partial equilibrium modelling on a project funded by the UK Department for International Trade (DIT).

*Research Assistant*, [Sciences Policy Research Unit \(SPRU\), University of Sussex](#), Brighton, UK  
2017-19  
Firm level analysis for the RISIS Horizon 2020 Project.

**GRANTS AND FUNDING**

*Jean Monnet Centre of Excellence - EU Inclusive Open Strategic Autonomy Centre (EU-IOSAC) (Co-I)*  
11/2023-11/2026  
Erasmus + Jean Monnet Actions in the field of Higher Education Teaching and Research (€100,000)

*Intangible assets and asymmetries in European value chains: the position of Italian*

*firms and sectors* (Co-I)  
10/2023-10/2025  
Italian Ministry for University and Research (€280,000)  
*Other partners:* University of Camerino and University Parthenope Naples

*Global value chains, digitalisation and polarisation in Europe.* (Co-I)  
10/2023-10/2025  
Italian Ministry for University and Research (€270,000)  
*Other partners:* University of Camerino

*Data use and productivity in the UK: an economic modelling and longitudinal study*  
(Co-I)  
09/2022-06/2023  
UK Department for Media, Culture and Sports (£80,000)  
*Other partners:* National Institute of Economic and Social Research (NIESR) and  
IPSOS

*Nearshoring, structure of global value chains and output volatility: opportunities for  
Italy from increased integration with Africa* (Co-I)  
09/2022-06/2023  
Italian Ministry of Foreign Affairs and International Cooperation (€15,000)

*Nearshoring and prospects for regionalisation of Global Value Chains* (Co-I)  
09/2021-06/2022  
Italian Ministry of Foreign Affairs and International Cooperation (€10,000)

## **PUBLICATIONS** *Peer Reviewed*

- Bontadini F., Evangelista R., Meliciani V., Savona M. (*Forthcoming*), Technology, Global Value Chains and Functional Specialisation in Europe, *Research Policy* previous version of this work is available as [CESifo Working Paper No. 9438](#)
- Bontadini F. and Vona F. (2023), [Anatomy of Green Specialisation: Evidence from EU Production Data, 1995-2015](#), *Environmental and Resource Economics*
- Bontadini F. and Savona M. (2023), [Revisiting the natural resource curse: exploiting backward linkages for export diversification and structural economic transformation](#), *Development and Change*.
- Bontadini, F. Cowan, A., Saha, A., (2023) [Moving up the value chain with South-South cooperation for trade and technology? An analysis of India's trade with East Africa](#) *Critical Perspectives on International Business*.
- Bontadini F., Evangelista R., Meliciani V., Savona M. (2022), [Patterns of integration in global value chains and the changing structure of employment in the European Union](#), *Industrial and Corporate Change*.
- Bontadini F. (2021), [Trade Specialisation and Performance in Global Value Chains](#), *Industrial and Corporate Change*.

## *Book chapters*

- Corrado C., Haskel J., Iommi M., Jona-Lasinio C., Bontadini F., (2023) [Data, Intangible Capital and Productivity](#), in Basu S., L. Eldridge, J. Haltiwanger and E. Strassinger (Eds.), *Technology, Productivity and Economic Growth*, University of Chicago Press.

- Bontadini F., Evangelista R., Meliciani V., Savona M., (2020) [Integration in Global Value Chains and Employment](#), *Handbook of Labor, Human Resources and Population Economics*.

#### *Under Review*

- Bontadini F, Dueña M., Campi, (*R&R*), Being at the core: firm product specialisation, *Research Policy* available as [LEM Working Paper Series 2023/09](#).

#### *Working papers and in progress*

- Bontadini F., Meliciani V., Savona M., Wirkierman A. (2022) *Nearshoring and Farshoring in Europe: implications for employment* [LUISS School of European Political Economy Working Paper 7/2022](#)
- Bontadini F., Meliciani V., Savona M., Wirkierman A. (2022) *Nearshoring and Farshoring in Europe within the Global Economy*, [Cesifo EconPol Forum 23 \(5\)](#), 37-42
- Bontadini F., Vona F., (2022) [Green specialisation and labour market outcomes in EU manufacturing industries](#) EU-DGEMP, Social Situation Monitor.
- Bontadini F, (2019), [Power and Export Sophistication in Buyer-Supplier Relationships: Insights from Colombian Customs Data](#), SPRU Working Paper SWPS 2019-11.

*Peer reviewing activity:* Research Policy; Industrial and Corporate Change; Structural Change and Economic Dynamics; Journal of Evolutionary Economics; Economic Modelling; Journal of Industrial and Business Economics; European Journal of Development Research; International Journal of Business and Globalisation.

## **TEACHING**

- Industrial Policies in the Era of Global Value Chains - Module Convenor, 2022-23 [LUISS School of European Political Economy](#)
- Economics of Innovation and Climate Change - Module Convenor, 2022-23 [LUISS Guido Carli University](#)
- Internet and Network Economics - Module Convenor, 2021-22 and 2022-23 [LUISS Guido Carli University](#) - students' evaluation: 96/100 vs 87/100 as average across modules from the same MSc
- Macroeconomics - Teaching Assistant, 2020-21 [LUISS Guido Carli University](#)
- Innovation Management - Teaching Assistant, 2020-21 [LUISS Guido Carli University](#)
- Innovation for Economic Development - Teaching Assistant, 2016-18 [Science Policy Research Unit \(SPRU\), University of Sussex](#)
- Introduction to Statistical Research Methods - Teaching Assistant, 2015-18 [Science Policy Research Unit \(SPRU\), University of Sussex](#)
- Economic Perspective on Development - Teaching Assistant 2017-18, [Institute of Development Studies](#)
- Entrepreneurship, 2015-17 - Teaching Assistant 2015-17, [Science Policy Research Unit \(SPRU\), University of Sussex](#)

## AWARDS & SCHOLARSHIPS

### Awards

- *International J.A. Schumpeter Society Prize* awarded (ex aequo) to the paper *Trade Specialisation and Performance in Global Value Chains* presented at EMAEE 2017 in Strasbourg, France
- *Optime Prize* 2014 and 2012, awarded by Turin's Industrial Federation to the best graduates from the University of Turin.

### Scholarships

- *Graduate Teaching Assistanthip* awarded by the University of Sussex for the pursuing of the PhD.
- *French-Italian University Bursary* awarded to the best students enrolled in a double degree programme between France and Italy.

## CONFERENCES WORKSHOPS

- Input-Output Association annual conference 26-30 June 2023, Alghero, Italy.
- Economic Statistics Centre of Excellence (ESCoE) Annual Conference, King's College London - May 2023
- Centre for Inclusive Trade Policy (CITP) Inaugural Conference, University of Sussex - April 2023
- Invited speaker at Vienna University of Economics and Business (WU) Seminar series - 29 March 2023
- World KLEMS Conference - The Productivity Institute, University of Manchester 11-13 October 2022, Manchester
- Invited speaker at YSI - Sant'Anna Workshop "The future of production: digitalization, global value chains, green transition", 6-7 July 2022, Pisa
- Italian Trade Study Group conference "Current developments in international trade and cross-border economic activities: a focus on new technologies, environment and labour markets", University of Salerno, 23-24 June 2022
- Invited speaker to Research Network Sustainable Global Supply Chains Monthly Seminar Series, 16 July 2021
- International Schumpeter Society Conference 2021, Rome
- Italian Trade Study Group conference "The Future of International Trade: a Focus on EU and Trade Policy" Sapienza University of Rome, 17-18 June 2021
- *Workers and Firms in Global Production Networks - Policy Implications* Gdansk University of Technology, 27-28 May 2021
- Invited speaker at European Trade Union Institute (ETUI) workshop on *Global Value Chains and Employment* 26 May 2021
- European Association of Environmental and Resource Economics (EAERE) annual conference, 22/06-03/07/2020, online.
- Invited speaker at the EU Social Situation Monitor on the topic *Global Value Chains and their Implications for the European workforce*, 17 December 2019.
- Input-Output Association annual conference 02-05 July 2019, Glasgow UK.
- European Meeting on Applied Evolutionary Economics (EMAEE) 03-05 June 2019, SPRU.
- Input-Output Association Workshop 12-13 March 2018, University of Bremen
- Invited speaker at Nordic Institute for Studies in Innovation, Research and Education (NIFU) Workshop on Industrial Dynamics *The dynamics of technology, trade and regional economic restructuring*, 22 September 2017, Oslo.

- European Trade Study Group annual conference 14-15 September 2017, University of Florence, Italy
- Uddevalla Symposium 15-16 June 2017 Trollhättan University, Sweden
- EMAEE 31 May-1 June University of Strasbourg, France – **awarded prize for best paper by a young scholar by the International J.A. Schumpeter Society.**
- Invited speaker to “Input-Output and Multi-sectoral Analysis: Theory and Applications”, 16- 17 May 2017 Open University, Milton Keynes, UK
- “Services, Technology and Trade”, REDLAS annual conference 03-05 Oct 2016, Mackenzie University, Sao Paulo, Brazil.