Workshop

AUTOMATION, TRADE AND GLOBAL VALUE CHAINS
NEW EMPIRICAL EVIDENCE AND THEORY DEVELOPMENT

28-29 November 2024

University of Parma

Department of Economics and Management

Day 1 - Thursday, November 28

Room K16 – Nuovo Polo Didattico – 2nd Floor

14.00: Opening
Stefano Magagnoli, DISEA Director, University of Parma
Gianluca Capone, University of Parma

14.15: Keynote: The Effects of Innovation on Well-Being: A Conceptual Framework
Fulvio Castellacci, TIK Centre for Technology, Innovation and Culture, University of Oslo
Chair: Chiara Franco, GLINNOD, University of Pisa & CIRCLE, Lund University

15.45: Session 1: The Impact of Automation
Chair: Fabio Landini, University of Parma
1. *The dynamics of automation adoption: Firm-level heterogeneity and aggregate employment effects.*
   Angelo Cuzzola, Sant'Anna School of Advanced Studies Pisa, Laura Bisio, Italian National Institute of Statistics, Marco Grazzi, Università Cattolica del Sacro Cuore, Daniele Moschella Sant'Anna School of Advanced Studies Pisa
2. *Automation, Task Characteristics and Job Satisfaction: Evidence from Italy.*
   Francesco Suppressa, University of Pisa, Fulvio Castellacci, University of Oslo, Chiara Franco, University of Pisa
3. *Digitalization and international competitiveness: A cross-country exploration of the relation between firm-level ICT use, productivity and export.*
   Mark Vancauteren, Universiteit Hasselt, Kevin Randy Chemo Dzukou, INRAE Nantes, Michael Polder, Statistics Netherlands, Pierre Mohnen, Maastricht University, Javier Miranda, Halle Institute for Economic Research & Friedrich-Schiller University, Jena

17.15: Session 2: Global Value Chains: Sectors and Models
Chair: Riccardo Rinaldi, University of Parma
1. *The effect of supply chain network position on corporate environmental performance: an automotive sector analysis.*
   Roberto Gabriele, University of Trento, Giampaolo Brunelli, University of Trento, Sandra Paterlini, University of Trento, Francesco Pattarin, University of Modena e Reggio Emilia
2. *Moving Backward or Forward? Robots and Value Capture in the Automotive Global Value Chains.*
   Hoda Mohamed, Friedrich Schiller University Jena
3. *Tasks' Interdependence, Bottlenecks, and Technical Change.* (also via Teams)
   Manuel Romagnoli, Friedrich-Schiller University Jena, Luigi Marengo, Luiss University, Elena Cefis, University of Bergamo

9.00: KEYNOTE: THE REORGANIZATION OF GVCS: IMPLICATIONS FOR EUROPEAN STRATEGIC AUTONOMY.
Valentina Meliciani, Luiss University
Chair: Alessandro Arrighetti, University of Parma

10.00: SESSION 3: HETEROGENEITY IN GVCS
Chair: Andrea Lasagni, University of Parma
1. *Intangible assets specialisation and asymmetries along global value chains.*
   Filippo Bontadini, Luiss University & SPRU University of Sussex, Rinaldo Evangelista, University of Camerino, Florencia Jaccoud, University of Camerino, Valentina Meliciani, Luiss University
2. *Does functional diversification reduce the exposure to GVC disruptions? Evidence and implications for industrial policy.*
   Andrea Coveri, University of Urbino, Raffaele Giammetti, University of Cassino, Antonello Zanfei, University of Urbino

11.20: SESSION 4: ADOPTING AUTOMATION
Chair: Giacomo Domini, Utrecht University
1. *The role of human capital for AI adoption: evidence from French firms.*
   Luca Fontanelli, University of Brescia, Flavio Calvino, OECD, Chiara Criscuolo, IFC, Lionel Nesta Université Côte d'Azur, Elena Verdolini, University of Brescia
2. *Baumol meets automation: A dynamic two-sector model in an economy with robots replacing workforce.*
   Giuseppe Pernagallo, University of Turin, Salvatore Caruso, Engineering D.HUB

12.10: KEYNOTE: ROBOTS, SHORING PATTERNS AND EMPLOYMENT
Konstantin Wacker, University of Groningen
Chair: Jacopo Canello, University of Parma

14.20: SESSION 5: THE GEOGRAPHY OF PRODUCTION AND EMPLOYMENT
Chair: Martina Iori, Sant'Anna School of Advanced Studies, Pisa
1. *Unexpected windows of opportunities and forced upgrading.*
   Cristina Re, University of Parma, Jacopo Canello, University of Parma, Gianluca Capone, University of Parma,
2. *A portrait of backshorers. Evidence from Italian Administrative Data.*
   Anna D'Ambrosio, Politecnico di Torino, Katiuscia Lavoratori, University of Reading, Luigi Benfratello, Politecnico di Torino, Davide Castellani, University of Reading, Alessandro Manello University of Torino
3. *From Globalisation to Reshoring? The Role of Industry 4.0 in Global Supply Chains across Europe.*
   Luigi Tredicine, University of Parma, Katiuscia Lavoratori, University of Reading, Fabio Lamperti, Università Cattolica del Sacro Cuore
4. *Complementarity of occupations and sectoral relatedness: an input output perspective.*
   Davide Villani, JRC Seville, Marta Fana, JRC Seville, Ariel L. Wirkierman, Goldsmiths, University of London

16.00: CLOSING & FAREWELL
Daniele Moschella, Project PI, Sant'Anna School of Advanced Studies, Pisa

Co-organised by: