

# Catching up and global value chains in times of transformation - Final CatChain Symposium

19-20 February 2024, Maastricht, NL



**19 February 2024**



**Registration (12h00-12h30)**

Boschstraat 24  
6211 AX Maastricht

**Word of Welcome**

by Prof. Bartel Van de Walle, Director of UNU MERIT

**Session 1 (13h30-15h00)**

*GVCs and technology*

Jahan Ara Peerally (HEC Montreal): *Upgrading-by-engaging in GVCs: Deeper insights from machine learning tools*

Isabel Maria Bodas Freitas (Grenoble Ecole de Management): *Industry participation in the global value chain and foreign technology licensing in developing and transition economies*

Katherine Stapleton (World Bank) *Global Diffusion of Disruptive Technologies: Understanding the Role of Multinational Firms and Global Value Chains*

Lorenzo Cresti (Enrico Fermi Research Center): *Investigating automotive in Europe: Input-Output analysis and economic fitness and complexity*



**Coffee break (15h00-15h15)**

**Keynote Speech:** Jorge Katz (University of Chile)

*"Quo Vadis Latin America? 'Isles of modernity', poverty and social exclusion: The two faces of contemporary Latin American capitalism"*

Comments by *Luc Soete (UNU MERIT)*



**Coffee break (16h30-16h45)**

**19 February 2024**

**Session 2A (16h45-18h15)**

*GVCs, Specialization and Diversification*

Miguel Angel Santos (Escuela de Gobierno y Transformacion Publica, Tecnologico de Monterrey): *Value chain vs. skill-based: Dead ends and steppingstones to productive diversification*

Samuel Rosenow (International Finance Corporation IFC) : *Turning risks into rewards and resilience: Diversifying the global value chains of decarbonization technologies*

Boram Lee (Korea Institute for International Economic Policy): *Diversification, Specialization, or Dynamic specialization: Revisiting the linkage from international trade to economic growth*

Ioanna Kastelli (National Technical University of Athens): *Global Value Chains participation and export sophistication of european food sectors*

**Session 2B (16h45-18h15)**

*GVC and Green Industrial Policies*

Danilo Spinola (Birmingham City University): *Is Global Value Chains integration a springboard to development? Conditions, opportunities, and threats of higher GVC integration on technology upgrading in emerging countries*

Federico Riccio (Scuola Superiore Sant'Anna): *Co2 Anatomy: GVCs participation, structural change and sustainability*

Roberto Mavilia (Bocconi University): *How do green science parks foster tentative firms in the integration into green GVCs?*

Amir Lebdioui (University of Oxford): *Multilateral dimensions of industrial policy: Regional level thinking in the era of green structural transformations*

**Networking dinner (19h00)**



**20 February 2024**

**Registration (8h30-9h00)**

Boschstraat 24  
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**Welcome & Coffee (8h30-9h00)**

**Session 3 (9h00-10h30)**

*GVCs & Green Window of Opportunity*

Rasmus Lema (UNU MERIT): *Green Tech Global Value Chains: Are there windows of opportunity for developing countries?*

Vittoria Scalera (Amsterdam Business School, University of Amsterdam): *A case of reverse catching up? On the emergence of China as powerhouse in green energy vehicles*

Jorge Valverde Carbonell (UNU MERIT): *Green Window of Opportunity, Global Value Chains and Critical Minerals: An Empirical Assessment for Refining Copper and Lithium Industries*

Roberta Rabellotti (University of Pavia): *Green FDI and technological spillovers in the host economies*



**Coffee break (10h30-11h00)**

**Session 4A (11h00-12h30)**

*GVCs and innovation*

Andrea Carrera (Institute for international Studies, Complutense University of Madrid): *Space-black is the new green: Europe and India's GVC in laser technologies against space debris*

Jeffrey Orozco (CINPE-UNA Costa Rica): *Innovation and catch up in pineapple production in Costa Rica: contributions from the global value chain and STI system*

Katherin Pinzon (Universidad Complutense de Madrid) : *Effects of National Innovation Systems on the insertion in Global Value Chains of High Technology Intensity Industries: An Analysis of the Aeronautical Industry in Ibero-America.*

Yannis Caloghirou (National Technical University of Athens): *Global Value Chains, Intangible Inputs, and Manufacturing Innovation in the EU and the UK*

**Session 4B (11h00-12h30)**

*GVCs, Knowledge & Structural Change*

Roberto Mavilia (Bocconi University): *Green Industrial Policies: North vs South comparative analysis*

Antonio Andreoni (SOAS University of London): *Seizing and Shaping: Opportunities for sustainable structural transformation in Morocco and South Africa*

Federico Colozza (Roma Tre University): *Do Global Value Chains spread knowledge and pollution? Evidence from EU regions*

Petros Dimas (National Technical University of Athens) : *Putting Intangible Inputs and GVCs into work: New Sources of Comparative Advantage in International Markets*



**20 February 2024**

**Keynote Speech:** Bart Verspagen (UNU MERIT)

*"The state of global sustainable development: an interpretation of trade in global value chains"*

Comments by Maria Savona (LUISS, Rome and SPRU, Sussex)

**Session 5A (14h30-16h00)**  
Critical Minerals

Clovis Freire Junior (UNCTAD): *Diversification in critical minerals value chains: An economic complexity perspective*

Carlo Pietrobelli (UNU MERIT and Roma Tre University): *Avenues to maximizing value added from critical minerals*

Beatriz Calzada Olvera (Erasmus University Rotterdam - IHS): *Financing the energy transition: Investments in the lithium industry in Latin America*

**Session 5B(14h30-16h00)**  
GVC and Green Technologies

Filippo Bontadini (LUISS, Rome): *Nearshoring, global value chains structure and volatility*

Olman Segura ( UNA Costa Rica): *The twin transition: from smart cities to smart and sustainable cities*

Mammo Muchie (Tshwane University of Technology): *Catching-Up along the Energy generation Value Chains using different resource- The case of the Green Energy Sector in South Africa*

Robert Bwana (University of Amsterdam): *Catching up the role of technology in green extractive global value chains: An exploration of digital monitoring platforms for a just transition*



**Coffee break (16h00-16h30)**

**Session 6 (16h30-18h00)**

GVCs & Innovation

Mercedes Menendez (UNU MERIT): *Latin America network knowledge under green and digital transition*

Nick Vonortas ( The George Washington University): *Firm-level determinants of Eco-innovation strategies in Colombia*

Valentina Mallamaci (Bocconi University): *Emerging Economies and the Twin Transition: Navigating green and digital shifts in Global Value Chains*

**Closing remarks (18h00-18h30)**

Final thoughts from the Conference (Altenburg, Giuliani), from the Catchain project (Malerba, Segura), from the convenors (Lema, Pietrobelli)

**Reception (19h00)**

