

# CORA 2025 - Conference on Robots and Automation

Vienna, Austria, September 23 & 24, 2025



In cooperation  
with:



## Conference Program (as of July 8, 2025)

Location: Buildings D4 and LC at WU Vienna University of Economics and Business, Welthandelsplatz 1, 1020 Vienna R

### Tuesday, September 23, 2025

8:45 Registration (D4, ground floor)

9:00 Welcome and opening speech (D4.0.022)

9:30-10:30 **Keynote Speech I: Sneak Preview World Robotics Service Robots, Anne Jurkat**, International Federation of Robotics (D4.0.022)

10:30-11:00 Coffee Break (D4.0.047 and D4.0.054)

11:00-12:30 Parallel Session 1 & 2 (D4.0.039 and D4.0.019)

12:30-13:30 Lunch (Mensa)

13:30-15:00 Session 3 & 4 (D4.0.039 and D4.0.019)

15:00-15:30 Coffee Break (D4.0.047 and D4.0.054)

15:30-17:00 Sessions 5+6 (D4.0.039 and D4.0.019)

17:00-17:30 Coffee Break (D4.0.047 and D4.0.054)

17:30-19:00 **Panel Discussion: Robots, AI, and the Future of Work: Is Europe Prepared? moderated by Dr. Susanne Bieller** (Festsaal 2, LC) - supported by Goethe University

19:00 Conference Dinner at Schweizerhaus

### Wednesday, September 24, 2025

9:00-10:30 Sessions 7+8 (D4.0.039 and D4.0.019)

10:30-11:00 Coffee Break (D4.0.047 and D4.0.054)

11:00-12:30 **Keynote Speech II: Automation and income distribution: a dual relationship, David Hémous**, University of Zurich (Festsaal 2, LC)

12:30-13:30 Lunch (Mensa)

13:30-15:00 Special Session of the University of Economics in Bratislava (D4.0.039 und D4.0.019)

15:00-15:30 Coffee Break (D4.0.047 and D4.0.054)

15:30-17:00 Sessions 9+10 (D4.0.039 and D4.0.019)

17:00 Closing Remarks and Farewell: (D4.0.022)

# Conference Sessions

## Session 1: Human Capital, Skills, and AI

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*Chair: Terry Gregory (Luxembourg Institute of Socio-Economic Research))*

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**Reskilling for AI.** Maik Schneider, University of Graz

**AI and Human Capital Formation: How Occupational AI Exposure Shapes College Major Selection?** David Marguerit, LISER

**Skill Demand in the Age of AI: Evidence from Europe.** Terry Gregory, Luxembourg Institute of Socio-Economic Research

## Session 2: Firms and Management under Technological Change

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*Chair: Ana Oliveira (Utrecht University)*

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**Transition from Older to Younger Management: Does It Influence Firm's Automation Level?** Murad Ismayilzada, University of Tartu

**Robotisation, employment and income: the role of firms' size in the Euro area regions.** Andrea Gentili, Universitas Mercatorum

**Automation, Workers Rents, and Productivity: firm-level evidence.** Ana Oliveira, Utrecht University

## Session 3: Automation, Trade, and Competitiveness

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*Chair: Florencia Jaccoud (UNU-MERIT)*

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**Automation Adoption and Export Performance: Evidence from French Firms.** Daniele Moschella, Scuola Superiore Sant'Anna

**How AI adoption shapes economic development through export performance.** Philipp Koch, EcoAustria – Institut für Wirtschaftsforschung

**Technological Upgrading and Catching-up Through AI: An Analysis of Brazilian Firms.** Florencia Jaccoud, UNU-MERIT

## Session 4: Skills for the Age of Automation

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*Chair: Tomáš Oleš (University of Economics in Bratislava)*

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**Regional Inequality in Skill Supply: A Barrier to Automation Diffusion?** Peter Njekwa Ryberg, Jönköping International Business School

**Automation and Training: Technical Upskilling or People Skills Development?** Femke Cnossen, University of Groningen

**In-Demand Skills: A Shield Against Automation – Evidence from Online Job Vacancies.** Tomáš Oleš, University of Economics in Bratislava

## Session 5: Wage Dynamics and Minimum Wages

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*Chair: Verena Plümpe (IWH Halle)*

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**The Automation Premium in Wage Dynamics: Firm-Level Evidence from Italian Importers.** Angelo Cuzzola, Scuola Superiore Sant'Anna

**The Impact of Within-Occupation Technological Change on Spatial Sorting and Wages.** Francesco Roncone, University of Bologna

**Minimum Wage, Workforce Composition and Robot Adoption.** Verena Plümpe, IWH Halle

## Session 6: Governance and Policy Implications of Automation and AI

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*Chair: Torben Klarl (University of Bremen)*

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**Public Accountability of AI-decision support in policing: Humans blame the victim, while generative AI blames the AI-decision support.** Lisa Hohensinn, WU Vienna University of Economics and Business

**AI-Driven Innovation, Economic Growth, and the Role of Subsidies.** Katsufumi Fukuda, Chukyo University

**Authoritarian Surveillance, Innovation and Growth.** Torben Klarl, University of Bremen

## Session 7: Technology and Sustainability

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*Chair: Ana Lucia Abeliansky (OeNB and WU Vienna University of Economics and Business)*

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**The impact of robots on workplace injuries and deaths: Empirical evidence from Europe.**

Jelena Reljic, Sapienza University of Rome

**The Triple Challenge: AI Innovation, Energy Policy, and the Climate Crisis.** Dae-Hyun Yoo, University of Pisa

**Climate change and automation: the emission effects of robot adoption.** Ana Lucia Abeliansky, OeNB / WU

## Session 8: Sectoral and Industrial Transformation

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*Chair: Hylke Hindrik Dijkstra (University of Groningen)*

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**Robots and Work.** Ainhoa Urtasun, Universidad Pública de Navarra

**The Robotics Revolution in the Automotive Industry. Growth, Global Trends, Key Factors and Future Challenges.** György Szabolcs Papp, MCC

**Do robots change the task content of labor inputs along the whole value chain?** Hylke Hindrik Dijkstra, University of Groningen

## Invited Session: Labor Markets and Automation

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*Chair: Martin Lábaj (Bratislava University of Economics and Business)*

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**Aggregate Labor Share and Firm Level Automation.** Zsofia Barany, Central European University

**Stagnant Wages in the Face of Rising Labor Productivity: The Role of Automation Technologies.** Klaus Prettnner, WU/EUBA

**The Employment Impact of Emerging Digital Technologies.** Ekaterina Prytkova, University Côte d'Azur

**New Technology and Job Skills in Europe: Digital Divide or Convergence?** Martin Lábaj, Bratislava University of Economics and Business

## Session 9: Macroeconomic Impacts of Automation

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*Chair: Wolfgang Koller, Institute for Industrial Research*

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**Can Human Capital Save Labor? Automation and the Global Wage Share.** Subhrasil Chingri,  
Indian Institute of Technology Delhi

**Impact of Automation on Employment and Productivity: A nonlinear Input – Output Model.**  
Wolfgang Koller, Institute for Industrial Research

## Session 10: Demographic change

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*Chair: Linh Ha Bui (Australian National University)*

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**Public pensions in the age of automation.** Johan Gustafsson, Umea University

**Robot, Computer and Fertility Dynamics.** Linh Ha Bui, Australian National University