

## Conference Program (as of October 11)

Location: House of Finance (HoF), Campus Westend, Theodor-W.-Adorno-Platz 3, Goethe University

### Thursday, 13.10.2022

- 8:45-9:15 Registration, Foyer
- 9:15-9:30 Welcome and Opening Speech (Rainer Klump, Goethe University), HoF E.21 Paris
- 9:30 -10:30 **Keynote Speech 1 (Christopher Müller, IFR)**, HoF E.21 Paris  
“The World Robotics Report 2022”
- 10:30-11:00 Coffee Break (Foyer and Faculty Lounge)
- 11-12:30 **Parallel Session 1 & 2** (HoF 3.45 Sydney and 3.36 Chicago)
- 12:30-13:30 Lunch (Faculty Lounge)
- 13:30-15:00 **Parallel Session 3 & 4** (HoF 3.45 Sydney and 3.36 Chicago)
- 15:00-15:30 Coffee Break (Foyer and Faculty Lounge)
- 15:30-16:30 **Keynote Speech 2 (Philippe Aghion, INSEAD Paris)**, HoF E.21 Paris  
“Modern Manufacturing Capital, Labor Demand, and Product Market Dynamics: Evidence from France”
- 17:30 Reception and Conference Dinner at ODDO BHF, Bockenheimer Landstr. 10, FFM

### Friday, 14.10.2022

- 9:00-10:30 **Parallel Session 5 & 6** (HoF 3.45 Sydney and 3.36 Chicago)
- 10:30-11:00 Coffee Break (Foyer and Faculty Lounge)
- 11.00-12:00 **Parallel Session 7 & 8** (HoF 3.45 Sydney and 3.36 Chicago)
- 12-13:30 Lunch (Foyer and Faculty Lounge)
- 13:30-15:00 **Parallel Session 9 & 10** (HoF E.01 Deutsche Bank and 3.36 Chicago)
- 15:00 Closing Remarks and Farewell (Rainer Klump, Goethe University) E.01 Deutsche Bank

## **Session 1 Demographic Change (Hof 3.45 Sydney)**

**Chair: Arthur Jacobs**

Automation and population growth: theory and cross-country evidence (Klaus Prettnner, Vienna University)

Automation, Education, and Population: Dynamic Effects in an OLG Growth and Fertility Model (Catarina Peralta, Universidade do Porto)

Demographic change, secular stagnation and inequality: automation as a blessing? (Arthur Jacobs, Ghent University)

## **Session 2 Innovation (HoF 3.36 Chicago)**

**Chair: Edwin Fourrier-Nicolai**

Robot Adoption and Innovation Activities (Simone Vannuccini, University of Sussex)

Radical innovation in 4IR technologies: The mediating role of strategic leadership (Edwin Fourrier-Nicolai, University of Trento)

## **Session 3 Employment (Hof 3.45 Sydney)**

**Chair: Aitor Irastorza-Fadrique**

Robots on Sale: The Effect of Investment Promotion on Robot Adoption and Employment (Daisuke Adachi, Aarhus University; RIETI)

Heterogeneous adjustments of employment to automation technologies: Evidence from manufacturing industries in European regions (Fabien Petit, University of Sussex)

Industrial Robots and Worker Reallocation in Great Britain (Aitor Irastorza-Fadrique, University of Essex)

## **Session 4 Inequality (HoF 3.36 Chicago)**

**Chair: Daniele Angelini**

The effect of industrial robots on wages - A meta-analysis (Florian Schneider, Goethe University and VDMA, Frankfurt)

Automation and Inequality - The Role of Educational Spending (Florian Röser, University of Konstanz)

Workforce Aging, Technology Adoption, and Inequality (Daniele Angelini, University of Konstanz)

## **Session 5 Health and Life Satisfaction (Hof 3.45 Sydney)**

**Chair: Katja Mann**

Robots and Life Satisfaction: Evidence from South Korea (Nourhan Hashish, Department of Economics, Sciences Po Paris)

Robots and Non-participation in the US: Where Have All the Workers Gone? (Benjamin Lerch, Università della Svizzera Italiana)

Consumption Inequality in the Digital Age (Katja Mann, Copenhagen Business School)

## **Session 6 Robot-Labor substitution and Human Capital (HoF 3.36 Chicago)**

**Chair: Giuseppe Di Giacomo**

Estimating the Substitutability of Robots and Human Labor - A Normalized CES System Approach (Julian Salg, Goethe University Frankfurt)

Productive Robots and Industrial Employment: The role of national innovation systems (Chrystalla Kapetaniou, University of Southampton)

Automation and Human Capital Adjustment: The Effect of Robots on College Enrollment (Giuseppe Di Giacomo, Università della Svizzera Italiana)

## **Session 7 The Market for Robots and Finance (HoF 3.45 Sydney)**

**Chair: Néstor Duch-Brown**

Fostering the adoption of financial algorithms: A 3-weeks online stock-trading experiment (Caterina Giannetti, Caterina, University of Pisa)

Expanding the robot-data-universe: Creating an origin-destination-matrix of industrial robotics (Richard Haarbuerger, University of Goettingen)

Robots and welfare: a microeconomic approach (Néstor Duch-Brown, Joint Research Centre of the European Commission, Seville)

## **Session 8 AI (Hof 3.45 Chicago)**

**Chair: Richard von Maydell**

AI Revolution: Theory, Evidence, and Policy (Ünveren, Burak, Yıldız Technical University)

Robots, AI and Immigration - A Race for talent or of Displaced Workers (Britta Rude, ifo Institute, LMU Munich)

Artificial Intelligence and its Effect on Competition and Factor Income Shares in Industrial Production (Richard von Maydell, CER-ETH – Center of Economic Research at ETH Zurich)

## **Session 9 Trade, GVC and Inequality II (E.01 Deutsche Bank))**

**Chair: Anne Jurkat**

Robotization and Employment Dynamics in GVCs: Evidence from German Manufacturing Value Chains (Hoda Mohamed, (Friedrich Schiller University Jena)

Will Robots and High-Tech lead to less Inequality? The case of the unit 8200 in Israel (Elise Brezis, Bar-Ilan University) starts at 14:00 via zoom

Robots and Export Quality (Timothy DeStefano, Harvard Business School) starts at 14:30 via zoom

## **Session 10 Technological Change (HoF 3.36 Chicago)**

**Chair: Jens Stegmaier**

Democratic Regime Types, Voting Systems and Technological Change: On the Political Economy of Growth in the Era of Automation (Isabell Naumann, Deutsche Bundesbank)

Foreign Ownership and Robot Adoption (Fabrizio Leone, Université Libre de Bruxelles)

Robot Adoption at German Plants (Jens Stegmaier, Institute for Employment Research (IAB))