

Workshop on “Automation and future geography of industries and professions in Europe: diversification opportunities and challenges”

The increasing penetration of digital automation technologies such as artificial intelligence and robots are likely to have a massive impact on regional labour markets in the years to come. This workshop aims to bring together scholars and practitioners across different fields to further our understanding of how regions can better address the challenges and seize the opportunities associated with the digital automation technologies.

Organizers: Utrecht University and Technopolis Group

Time: October 12, 2023 (1pm – 6pm) and October 13, 2023 (8:30am – 12:30am)

Location: Utrecht University Hall (Room Kanunnikenzaal), Achter de Dom 7a, 3512 JE Utrecht, Netherlands

*Note: the entrance of the Kanunnikenzaal is located on the address: Achter de Dom 7a. The participants can ring the bel, our receptionist will open the door. The Kanunnikenzaal is on the first floor.*

## **Program**

### **October 12 afternoon**

1:00 pm – 1:30 pm: Walk-in, coffee and welcome

1:30 pm – 3:30 pm: Session 1

Ekaterina Prytkova (University of Sussex) - Industry and occupation exposure to emerging digital automation technologies (Online)

Deyu Li (Utrecht University) – Automation exposure and within-occupation skill change: evidence from online job advertisements in European countries

Giacomo Domini (Utrecht University) - Automation adoption and export performance: Evidence from French firms

Anna Salomons (Utrecht University) - New frontiers: The origins and content of new work, 1940–2018

3:30 pm – 4:00 pm: Coffee break

4:00 pm – 6:00 pm: Session 2

Hans Koster (Vrij University Amsterdam) - Robots and workers: Evidence from the Netherlands

Maria Savona (University of Sussex and LUISS University) - TBD

Ulrich Zierahn-Weilage (Utrecht University) - Task Shifts in the Fourth Industrial Revolution: Firm-Level Evidence

Dongmiao Zhang (Utrecht University) – Exploring complexity intelligence and skill complementarity of AI

6:00 pm – 7:00 pm Drinks at 't Taphuys Utrecht (Mariaplaats 3A, 3511LH Utrecht)

## **October 13 morning**

8:30 – 8:45 Check-in and coffee

8:45 – 10:30 Focus Groups for validating exposure measure of automation technologies

Presenter: Chiel Scholten (Technopolis), Jonathan Puerta Pereira (Technopolis) and Ana Oliveira (Utrecht University and UNU-MERIT)

10:30 – 10:45 Coffee break

10:45 – 12:15 Policy Panel on the impact of automation and digitalization on regional labour market

Pierre-Alexandre Balland (Utrecht University) – AI and future of work.

Deyu Li (Utrecht University) – Automation exposure and regional labour market dynamics in Europe

The session will continue with open discussions.

12:15 – 12:30 Closing remarks