

Workshop on Skills, Tasks and Technologies in the AI Era in conjunction with the 2025 Munich Lectures in Economics

Munich, 19-20 November 2025

Program

Presenting authors are denoted in capital letters

Timing: presenters: 25 minutes, discussants: 5 minutes, Q&A/discussion: 15 minutes

19 November 2025

08:45 – 09:00 Welcome and introduction (David Autor and Ludger Woessmann)

Session 1: AI and Labor Demand

Chair: Ludger Woessmann

09:00 – 09:45 **Evolving Skill Demands in the Age of AI: Evidence from Europe**
Najada Feimi, CHRISTINA GATHMANN (LISER Luxembourg), Terry Gregory and
David Marguerit
Discussant: Alan Manning

09:45 – 10:30 **The Effects of AI on Labor Demand across Firms: Evidence from Denmark**
XAVIER JARAVEL (LSE)
Discussant: Juanna Joensen

10:30 – 11:00 Coffee Break

Session 2: Task Dynamics and Long-run Inequality

Chair: David Autor

11:00 – 11:45 **The Decline of Routine Tasks, Education Investments, and
Intergenerational Mobility**
Patrick Bennett, Kai Liu and KJELL SALVANES (Norwegian School of Economics)
Discussant: Jonas Loebbing

11:45 – 12:30 **Task Dynamics and Wage Inequality in Germany: A Decomposition
Analysis from 1979 to 2018**
BERND FITZENBERGER (IAB Nuremberg) and Florian Hack
Discussant: Anna Salomons

12:30 – 13:30 Lunch

Session 3: New Skills

Chair: Alan Manning

- 13:30 – 14:15 **Measuring Human Leadership Skills with Artificially Intelligent Agents**
BEN WEIDMANN (Harvard U), Yixian Xu and David J. Deming
Discussant: Simon Wiederhold
- 14:15 – 15:00 **Expertise at Work: New Technologies, New Skills, and Worker Impacts**
CÄCILIA LIPOWSKI (ifo Munich); Anna Salomons and Ulrich Zierahn-Weilage
Discussant: Peter Fredriksson

Session 4: Poster Session

- 15:00 – 15:10 Poster Flash Talks
- 15:10 – 16:00 **Complementarities in High School and College Investments**
John Eric Humphries, JUANNA S. JOENSEN (U Chicago) and Gregory F. Veramendi
- How Well Do Surveys Measure Training?**
JEFFREY A. SMITH (U Wisconsin-Madison)
- The Value of Early-Career Skills**
Christina Langer and SIMON WIEDERHOLD (MLU Halle-Wittenberg and IWH)
- Firm Pay and Worker Search**
Sydnee Caldwell, INGRID HÄGELE (LMU Munich) and Jörg Heining
- Automation and Inequality: Implications for Redistribution Policy**
Hayato Kato and JONAS LOEBBING (LMU)
- The Changing Geography of Labor-Market Returns to Cognitive and Noncognitive Skill**
Peter Fredriksson, Georg Graetz, MARTIN NYBOM (IFAU Uppsala) and Björn Öckert
- The New Frontier of Automation: AI Diffusion and Job Transformation in German Workplaces**
MELANIE ARNTZ (IAB Nuremberg)
- 16:00 – 16:15 **Coffee Break**

Session 5: Skills and Jobs

Chair: Peter Fredriksson

- 16:15 – 17:00 **Helping Jobseekers with Recommendations based on Skill Profiles or Past Experience: Evidence from a Randomized Intervention**
Mirjam Bächli, RAFAEL LALIVE (U Lausanne) and Michele Pellizzari
Discussant: Jeffrey A. Smith
- 17:00 – 17:45 **Left Behind: Job Suburbanization and Racial Inequality in Mid-20th Century America**
JULIETTE FOURNIER (LMU Munich)
Discussant: Melanie Arntz
- 18:00 Conference Dinner**

20 November 2025

Session 6: Labor Market Adaptation to Technological Change

Chair: Anna Salomons

- 09:00 – 09:45 **Artificial Intelligence and the Transformation of Work in Establishments**
Duncan Roth and ALEXANDRA SPITZ-OENER (HU Berlin)
Discussant: Ingrid Hägele
- 09:45 – 10:30 **Psychological Traits and Adaptation in the Labor Market**
Ramin Izadi and JOONAS TUHKURI (Stockholm U)
Discussant: Markus Nagler
- 10:30 – 11:00 Coffee Break**

Session 7: New Technologies: Evidence from Automation

Chair: Jeffrey A. Smith

- 11:00 – 11:45 **Organized Labor Versus Robots? Evidence from Micro Data**
Sebastian Findeisen, WOLFGANG DAUTH (IAB Nuremberg) and Oliver
<fSchlenker
Discussant: Martin Nybom
- 11:45 – 12:30 **Augmentation or Automation: the Changing Labor Market Impact of Machines**
Federica Coelli, DAVID DORN (U Zurich), David Hemous and Morten Olsen
Discussant: Joonas Tuhkuri
- 12:30 – 13:30 Lunch and farewell**

List of Participants

Melanie Arntz	IAB Nuremberg
David Autor	MIT
Wolfgang Dauth	IAB Nuremberg
David Dorn	U Zurich
Bernd Fitzenberger	IAB Nuremberg
Juliette Fournier	LMU Munich
Peter Fredriksson	Uppsala U
Christina Gathmann	LISER Luxembourg
Ingrid Hägele	LMU Munich
Eric A. Hanushek	Hoover Institution, Stanford University
Simon Jäger	Princeton U
Xavier Jaravel	LSE
Juanna S. Joensen	U Chicago
Rafael Lalive	U Lausanne
Căcilia Lipowski	ifo Munich
Jonas Loebbing	LMU Munich
Alan Manning	LSE
Markus Nagler	FAU Erlangen-Nuremberg
Martin Nybom	IFAU Uppsala
Anna Salomons	Tilburg U and Utrecht U
Kjell Salvanes	Norwegian School of Economics
Jeffrey A. Smith	U Wisconsin-Madison
Alexandra Spitz-Oener	HU Berlin
Joonas Tuhkuri	Stockholm U
John Van Reenen	LSE
Andrea Weber	Central European U
Ben Weidmann	Harvard U
Simon Wiederhold	MLU Halle-Wittenberg and IWH
Ludger Woessmann	LMU and ifo Munich