

Education, Skills, and Worker Retraining

Online, 17–18 February 2022

Program (all times given in CET)

Timing:

PhD papers: 10 min. presentation, 10 min. discussant, 5 min. general discussion

Keynotes: 35 min. presentation, 10 min. general discussion

Remaining papers: 15 min. presentation, 10 min. general discussion

DAY ONE

Thursday, 17 February 2022

15:00-15:10 **Welcome and introduction to PILLARS**
Simon Wiederhold and Oliver Falck

Keynote Lecture I **Chair: Simon Wiederhold**

15:10-15:55 **Training and Re-Skilling in the Labour Market**
SANDRA MCNALLY (University of Surrey)

15:55-16:00 *Break*

Session 1a – Parallel Session

On-the-Job Learning and Training **Chair: Simon Wiederhold**

16:00-16:25 **Differences in On-the-Job Learning across Firms**
JAIME ARELLANO-BOVER (University of Rome “Tor Vergata” and EIEF) and Fernando Saltiel

16:25-16:50 **The Impact of Training and Advanced Digital and Automation Technologies on Productivity and Wages. International Evidence using Firm-level Data.**
GIORGIO BRUNELLO (University of Padova), Désirée Rückert, Christoph T. Weiss, and Patricia Wruuck

16:50-17:15 **The Effect of Job Training on ICT Skills**
VALENTIN LINDLACHER (ifo Institute), Oliver Falck, and Simon Wiederhold
Discussant: Giorgio Brunello

Session 1b – Parallel Session

Data Innovation **Chair : Oliver Falck**

16:00-16:25 **Validating Survey Responses to Training Questions using Administrative Data**
Nicolai Kristensen, Lars Skipper, and JEFFREY SMITH (University of Wisconsin)

16:25-16:50 **Using Online Job Adverts to Understand Employer Skill Requirements**
Gueorguie Vassilev and KHLOE TABOR (Office for National Statistics)

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16:50-17:15 **Eight Decades of Changes in Occupational Tasks, Computerization and the Gender Pay Gap**

LJUBICA NEDELKOSKA (Complexity Science Hub Vienna), Shreyas Gagdin Matha, James McNerney, Andre Assumpcao, Dario Diodato, and Frank Neffke

17:15-17:30 *Break/Discussion in Break-Out Room*

Session 2a – Parallel Session

Returns to Skills

Chair: Simon Wiederhold

17:30-17:55 **The Value of Skills: New Evidence from Apprenticeship Plans**

CHRISTINA LANGER (Catholic University of Eichstaett-Ingolstadt) and Simon Wiederhold
Discussant: Jaime Arellano-Bover

17:55-18:20 **How IT Progress Affects Returns to Specialization and Social Skills**

FABIENNE KIENER (University of Zurich), Christian Eggenberger, and Uschi Backes-Gellner
Discussant: Sandra McNally

18:20-18:45 **Jack of all Trades or Master of None: A Machine Learning Analysis of the Labour Market Returns of Transversal Skills in the United States using Online Job Postings**

Jarno Vrolijk and FABIO MANCA (OECD)

Session 2b – Parallel Session

Human Capital and Occupation-Specific Skills

Chair: Oliver Falck

17:30-17:55 **Individualism, Human Capital Formation, and Labor Market Success**

KATHARINA HARTINGER (Catholic University of Eichstaett-Ingolstadt), Sven Resnjanskij, Jens Ruhose, and Simon Wiederhold
Discussant: Oliver Falck

17:55-18:20 **Immigrant Workforce Integration and Ethnic Segmentation: The Role of Occupational Skill Composition**

Aliaksei Kazlou and KARL WENNBERG (Stockholm School of Economics)

18:20-18:45 **IT Skills, Occupation Specificity and Job Separations**

CHRISTIAN EGGENBERGER (University of Zurich) and Uschi Backes-Gellner

18:45-19:00 *Break/Discussion in Break-Out Room*

19:00 Get together in *Wonder.me*

End of Day 1

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DAY TWO

Friday, 18 February 2022

14:00-15:00 Junior-Senior Session with Sandra McNally (L. Cuccu, Y. Guo, K. Hartinger, X. Ma, G.Pulito). **Please note that this is a closed session.**

Session 3a – Parallel Session

Firm Creation, Leadership Style, and Skills in the Face of New Technologies

Chair: Simon Wiederhold

- 15:00-15:25 **Entrepreneurial Reluctance: Talent and Firm Creation in China**
Chong-en Bai, RUIXUE JIA (London School of Economics), Hongbin Li, and Xin Wang
- 15:25-15:50 **Effects of Supportive Leadership Behaviors on Worker Satisfaction, Engagement and Performance: An Experimental Field Investigation**
Simone Haeckl and MARI REGE (University of Stavanger)
- 15:50-16:15 **Different Degrees of Skill Obsolescence Across Hard and Soft Skills and the Role of Lifelong Learning for Labor Market Outcomes**
TOBIAS SCHULTHEISS (University of Zurich) and Uschi Backes -Gellner
Discussant: Karl Wennberg

Session 3b – Parallel Session

New Work Arrangements

Chair: Oliver Falck

- 15:00-15:25 **The Impact of ICT on Working from Home: Evidence from EU Countries**
VAHAGN JERBASHIAN (University of Barcelona) and Montserrat Vilalta-Bufi
- 15:25-15:50 **New Work, Exiting Work and Artificial Intelligence**
Erik Engberg, Hildegunn Kyvik-Nordås, MAGNUS LODEFALK (Örebro University), Radka Sabolová, and Aili Tang
- 15:50-16:15 **The Impact of Restricting Fixed-Term Contracts on Labor and Skill Demand: Evidence from Italian Online Job Vacancy Data**
GIUSEPPE GRASSO (LISER – Luxembourg Institute of Socio-Economic Research) and Konstantinos Tatsiramos
Discussant: Ljubica Nedelkoska
- 16:15-16:30 *Break/Discussion in Break-Out Room*

Session 4a – Parallel Session

Job Displacement

Chair: Simon Wiederhold

- 16:30-16:55 **The Work-to-School Transition: Job Displacement and Skill Upgrading Among Young High School Dropouts**
PATRICK BENNETT (University of Liverpool)

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16:55-17:20 **Just Relocated? Robots, Displacement and Job Quality**
LILIANA CUCCU (University of Barcelona) and Vicente Royuela
Discussant: Patrick Bennett

17:20-17:45 **Technological Substitution of Jobs and the Transferability of Human Capital**
YUCHEN MO GUO (Catholic University of Eichstaett-Ingolstadt) and Simon Wiederhold
Discussant: Vahagn Jerbashian

Session 4b – Parallel Session

Trade, Multinationals, and Skills

Chair: Oliver Falck

16:30-16:55 **Offshoring, Reskilling and the Role of Occupational Task Content**
GIUSEPPE PULITO (Aarhus University)
Discussant: Christian Eggenberger

16:55-17:20 **Learning by Exporting and Wage Profiles: New Evidence from Brazil**
XIAO MA (Peking University), Marc-Andreas Muendler, and Alejandro Nakab
Discussant: Jeff Smith

17:20-17:45 **Where are Multinationals on the Job Ladder?**
Ragnhild Balsvik, Doireann Fitzgerald, and STEFANIE HALLER (University College Dublin)

17:45-18:00 *Break/Discussion in Break-Out Room*

Keynote Lecture II

Chair: Oliver Falck

18:00-18:45 **Lifelong Learning and Dynamic Adjustments to Changes in the Labor Market**
ERIC A. HANUSHEK (Stanford University)

18:45-19:00 *Break*

19:00-20:30 Special Event (for official conference presenters only)