



## Conference „Education, Skills, and the Economic Challenges of the Future“

September 25, 2017

Institute for Applied Economic Research (IAW)

Tübingen, Germany

11.30 am

*Introduction to the Conference*

Prof Dr Bernhard Boockmann (IAW Tuebingen)

→ Main Auditorium

### Keynote Lecture I

*Early education and child care in the digitized economy*

Prof Dr C. Katharina Spiess, DIW and Freie Universität Berlin

12.45 am

Lunch break

1.45 pm

**Contributed Papers I (sessions running parallel)**

**Session I A: School quality, schooling systems and educational outcomes**

→ Auditorium 10

Chair: Bernhard Boockmann

*Tracking, academic vs. vocational training, and the value of 'second chance' options*

Martin Biewen / Madalina Tapalaga (University of Tuebingen)

*The Distributional Effects of Early School Stratification - Non-Parametric Evidence from Germany*

Marcus Roller (University of Bern) / Daniel Steinberg (University of Tuebingen)

*Leadership at School and the Formation of Character Skills*

Stephanie Briel / Aderonke Osikominu (University of Hohenheim)

*Activating Parents in the Process of Vocational Occupation*

Tobias Brändle (IAW Tuebingen) / Franziska Locher (University of Bamberg)

**Session I B: Technological change and occupational/sectoral labor demand**

→ Main Auditorium

Chair: Thomas Zwick

*The decline of routine jobs and occupational mobility*

Uwe Blien (IAB Nuernberg), Wolfgang Dauth (University of Wuerzburg, IAB), Duncan Roth (IAB Düsseldorf)

*Automation and Job Polarization: On the Decline of Middling Occupations in Europe*

Vahagn Jerbashian (University of Barcelona)

*The impacts of digitisation on the working environment. Substitution potentials of occupations in Germany*  
Katharina Dengler / Britta Matthes (IAB Nuernberg)

*Human Capital Heterogeneity, Higher Education and Labor Productivity*  
Elise S. Brezis (Bar-Ilan University) / Gilad Brand

3.15 pm Coffee break

3.30 pm **Contributed Paper II (sessions running parallel)**

**Session II A: Returns to skills and ability**

→ Main Auditorium

Chair: Martin Biewen

*Returns to ICT Skills*

Oliver Falck (University of Munich, ifo institute) / Alexandra Heimisch (ifo Institute Munich) / Simon Wiederhold (Katholische Universität Eichstätt)

*Young, Gifted and Lazy? The Role of Ability and Labor Market Prospects in Student Effort Decisions*

Adrian Chadi / Marco de Pinto / Gabriel Schultze (IAAEU Trier and Trier University)

*Gender disparities in computer skills and interest towards ICT careers at age 16. Evidence from a pilot study in Brighton, UK*

Panu Pelkonen (University of Sussex)

**Session II B: Challenges to vocational and tertiary education**

→ Auditorium 10

Chair: Bernhard Boockmann

*Comparative analysis of apprenticeship training in France and Germany*

Clément Brébion (Paris School of Economics)

*Tertiary Vocational Education Beats Academic Education? Earnings Developments of Matched Young Men*

Veronika Gäckle / Thomas Zwick (University of Wuerzburg)

*Time Inconsistency and the Effects of a Planning Prompt – Field Evidence from a MOOC*

Sylvi Rzepka (RWI Institute for Economic Research)

*The Relative Importance of Personal Characteristics for Job Offers*

Peter Hoeschler (University of Zürich)

5.00 - 5.15 pm Break

5.15 - 6.15 pm

**Keynote lecture II**

→ Main Auditorium

*STEM and gender or why it is so difficult to get girls into math-intensive careers?*

Prof Dr Stefan C Wolter, University of Berne and Swiss Coordination Center for Research in Education