

## TASKS V: Robotics, Artificial Intelligence and the Future of Work

### 5. International BIBB/IAB/ZEW Conference

#### Date

February 7-8, 2019

#### Place

Wissenschaftszentrum, Bonn, Germany.

#### Abstract

Technological advances in the fields of robotics and artificial intelligence are increasingly making it possible for machines to perform tasks that previously could only be done by humans. This development has sparked scientific and public debates on the future of work, often dealing with automation and the substitution of labor. The transformation of the working environment goes hand in hand with a reorganization of company structures, occupational and workplace-related content and skill requirements. New inequality paths are emerging and labor market participants are being confronted differently with these changes. In addition, educational and other institutional frameworks keep influencing the labor market. The aim of this conference is to bring together economists, sociologists and researchers from related fields to discuss frontier research on labor market effects of automation and digitization. Special focus is on the following questions:

- How do new technologies affect the level and structure of employment?
- How are new technologies changing work content?
- What are the (non-)monetary returns to work content?
- How do new technologies shape skill demands and which role do social skills play?
- How does technology affect overall inequality and also inequality between firms and workers?
- How does the role of educational and labor market institutions change?
- How do firms and workers adapt to changing requirements?
- How can policy help firms and workers who are struggling to adapt to digital transformation?

The scientific committee encourages theoretical, empirical, and policy-oriented contributions from all areas of labor economics, labor sociology and related fields.

## **Keynote Speakers**

- Pascual Restrepo (Boston University, confirmed)
- Anna Salomons (Utrecht University, School of Economics, confirmed)
- Rolf van der Velden (Maastricht University and ROA, confirmed)

## **Scientific Committee**

Melanie Arntz (Zentrum für Europäische Wirtschaftsforschung, Mannheim), Matias Cortes (York University), Hubert Ertl (Bundesinstitut für Berufsbildung, Bonn), Bernd Fitzenberger (Humboldt Universität Berlin), Christina Gathmann (Universität Heidelberg), Maarten Goos (Utrecht University), Guy Michaels (London School of Economics), Joachim Möller (Institut für Arbeitsmarkt- und Berufsforschung, Nürnberg), Sabine Pfeiffer (Friedrich-Alexander-Universität Erlangen-Nürnberg), Uta Schönberg (University College London), Alexandra Spitz-Oener (Humboldt Universität Berlin), Olaf Struck (Universität Bamberg), Daniel Tannenbaum (University of Nebraska)

## **Submission Procedure**

- Deadline for submission: **October 31st, 2018**
- Decision for acceptance: **December 21st, 2018**

Please submit an electronic version of your paper or an extended abstract (3 pages) in PDF to [tasksV@bibb.de](mailto:tasksV@bibb.de).

## **Further information**

The conference fee for presenters is 90 Euros and for non-presenters 130 Euros. Doctoral students who present a paper may apply for financial support. Please apply no later than **December 31st, 2018**.

## **Organizing Committee**

- Florian Lehmer ([florian.lehmer@iab.de](mailto:florian.lehmer@iab.de))
- Ana Santiago Vela ([santiagovela@bibb.de](mailto:santiagovela@bibb.de))
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