

Federal Institute for  
Vocational Education  
and Training

**BiBB**

- ▶ Researching
- ▶ Advising
- ▶ Shaping the future

Institute for Employment  
Research

The Research Institute of the  
Federal Employment Agency



**ZEW**

Zentrum für Europäische  
Wirtschaftsforschung GmbH  
Centre for European  
Economic Research

## **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 (MIT Department of Economics, confirmed)
- Anna Salomons (Utrecht University, School of Economics, confirmed)
- Rolf van der Velden (Maastricht University and ROA, confirmed)

### **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))
- Michael Tiemann ([Tiemann@bibb.de](mailto:Tiemann@bibb.de))
- Ulrich Zierahn ([Ulrich.Zierahn@zew.de](mailto:Ulrich.Zierahn@zew.de))