

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

Wissenschaftszentrum Bonn, Ahrstr. 45, 53175 Bonn

Thursday, 07th February

From	Duration	Plenary (K1/K2)	Room S 12	Room 152
8:30	All day	<i>Registration open</i>		
9:15	15 min	Welcome Address by Hubert Ertl		
9:30	60 min	Keynote by Anna Salomons: <i>Automatic Reaction – What Happens to Workers at Firms that Automate?</i>		
10:30	15 min	<i>Break</i>		
10:45	90 min	Session 1: Consequences Of Changes In Task Contents Chair: Caroline Wehner <ul style="list-style-type: none"> - Vanutelli, Scicchitano, Biagetti: <i>The Wage Gap Between Routine and Non-Routine Workers: Evidence from Perceived and Actual Measures of Routine</i> - Ozgen, Ercolani, Florax: <i>Education Surplus, Skills Mismatch and Technological Change</i> 	Session 2: Automation and Robots Chair: Ulrich Zierahn <ul style="list-style-type: none"> - Henkel, Mann: <i>Price Effects of Automation</i> - Thuemmel: <i>Optimal Taxation of Robots</i> - Jansson, Karabulut: <i>Do Robots Increase Wealth Dispersion?</i> 	
12:15	60 min	<i>Lunch</i>		
13:15	60 min		Poster 1: Automation: Perceptions, Responses and Policies <ul style="list-style-type: none"> - Dengler, Gundert: <i>Digital Transformation and Subjective Job Insecurity in Germany</i> - Prettner, Strulik: <i>Innovation, Automation, and Inequality: Policy Challenges in the Race Against the Machine</i> - Jokinen, Sieppi, Uusitalo: <i>Increasing Demand for Social Skills in European Labor Markets</i> 	Poster 2: Tasks and Mobility <ul style="list-style-type: none"> - Bisello, Peruffo, Rinaldi, Fernández-Macias: <i>How Did Technological Innovation Change the Task Content of Jobs? New Evidence from European Working Conditions Survey</i> - Kauhanen, Riukula: <i>The Cost of Job Loss, Occupational Mobility and Task Usage</i>

14:15	15 min	<i>Break</i>	
14:30	60 min	Session 3a: Digitalization in Firms Chair: Michael Stops <ul style="list-style-type: none"> - Arntz, Genz, Gregory, Janser, Lehmer, Matthes, Zierahn: <i>Technology and Jobs in the Fourth Industrial Revolution - Firm-Level Evidence</i> - Lukowski, Mohr, Baum: <i>Work in the Digital Age: More Complexity, More Training? Firm-Level Evidence from Germany</i> 	Session 4a: Digitalization - Consequences for Workers Chair: Daniela Rohrbach-Schmidt <ul style="list-style-type: none"> - Gerten, Martin: <i>Digitalization, Workplace Organization and Employee Motivation: A Causal Mediation Analysis</i> - Arntz, Genz, Gregory, Janser, Lehmer, Matthes, Zierahn: <i>Technology Adaption, Employment Stability and Wage Changes - Worker-Level Evidence from Germany</i>
15:30	30 min	<i>Break</i>	
16:00	60 min	Session 3b: Automation and Macroeconomic Outcomes Chair: Michael Tiemann <ul style="list-style-type: none"> - Arntz, Gregory, Zierahn: <i>Automation, Employment, and Wages: Is This Time Different?</i> - Anelli, Giuntella, Stella: <i>Robots, Labor Markets, and Demographic Behavior</i> 	Session 4b: Job Separations and Automation Chair: Matias Cortes <ul style="list-style-type: none"> - Blien, Dauth, Roth: <i>Occupational Routine Intensity and the Adjustment to Job Loss: Evidence From Mass Layoffs</i> - Abdulla: <i>Occupational Transitions Over the Business Cycle</i>
17:00	15 min	<i>Break</i>	
17:15	60 min	Keynote by Rolf van der Velden: <i>Skills for the Future – Challenges for Higher Education</i>	
19:00		<i>Dinner</i>	

Friday, 08th February

From	Duration	Plenary (K1/K2)	Room S 12	Room 152
8:30	All day	<i>Registration open</i>		
9:00	90 min	<p>Session 5: International Perspectives on Automation Chair: Melanie Arntz</p> <ul style="list-style-type: none"> - Cortes, Morris: <i>Are Routine Jobs Moving South? Evidence From Changes in the Occupational Structure of Employment in the U.S. and Mexico</i> - Krenz, Prettnner, Strulik: <i>Robots, Reshoring, and the Lot of Low-Skilled Workers</i> - Lewandowski, Park, Hardy, Du: <i>Technology, Skills, and Globalization: Explaining International Differences in Routine and Nonroutine Work Using Survey Data</i> 	<p>Session 6: Substitution and Polarization Chair: Florian Lehmer</p> <ul style="list-style-type: none"> - Fedorets, Müller: <i>Large Wage Shocks, Technological Substitution and Employment Perspectives</i> - Giuntella, Wang: <i>Is an Army of Robots Marching on Chinese Jobs?</i> 	
10:30	15 min	<i>Break</i>		
10:45	60 min		<p>Poster 3: Automation and Employment</p> <ul style="list-style-type: none"> - Carbonero, Ernst, Weber: <i>Robots Worldwide: The Impact of Automation on Employment and Trade</i> - Genz, Schnabel: <i>Workers' Exposure to Digitalization and its Consequences for Individual Employment Prospects and Wage Development</i> - Peichl, Popp: <i>The Wage Elasticity of Labor Demand Revisited: Scale Effects and Job Polarization</i> 	<p>Poster 4: Automation and Skills in Europe</p> <ul style="list-style-type: none"> - Pouliakas: <i>The Risk of Automation in EU Labour Markets. A Skills-Requirements Approach</i> - Kauhanen: <i>The Impact of Robots on Employment - Evidence From 7 European Countries During 1993-2015</i>
11:45	15 min	<i>Break</i>		
12:00	60 min	Keynote by Pascual Restrepo: <i>Has Technology Changed the Task Content of Production?</i>		
13:00	10 min	Farewell		
13:10		<i>Lunch and End of Workshop</i>		