



SCHOOL
FOR ADVANCED
STUDIES
LUCCA

IMT School Workshop on Technology and the Labour Market

17-18 December 2020

Online, via Google Meet

Organizers: Sotiris Blanas, Massimo Riccaboni, Armando Rungi

All timings are in **Central European Time**

Keynotes: 50 minutes talk + 10 minutes discussion

Presentations: 20 minutes talk + 5 minutes discussion

Day 1 – Thursday, 17 December 2020

Google Meet link: <https://meet.google.com/kcc-rucu-pme>

- 09:55 – 10:00 Introduction – Sotiris Blanas, IMT School for Advanced Studies Lucca
- 10:00 – 11:00 Keynote 1 – "People Analytics? Algorithms at Work"
Jeremias Adams-Prassl, Oxford University
- 11:00 – 11:15 Break
- 11:15 – 11:40 "Who are the Platform Workers? Are They the 'Most Vulnerable among the Vulnerables'? An Empirical Exploration on Italian Survey Data"
Dario Guarascio, University Rome 1 "La Sapienza" (with V. Cirillo)
- 11:40 – 12:05 "The Distinct Effects of Information Technologies and Communication Technologies on the Age-Skill Composition of Labour Demand"
Sotiris Blanas, IMT School for Advanced Studies Lucca

- 12:05 – 12:30 "We Were the Robots: Automation and Voting Behaviour in Western Europe"
Italo Colantone, Bocconi University (with M. Anelli and P. Stanig)
- 12:30 – 12:40 Break
- 12:40 – 13:05 "Towards Sustainable Work Practices to Promote Productivity and Workers' Health"
Arash Ajoudani, Italian Institute of Technology
- 13:05 – 13:30 "The Changing World of Work: Automation, the Demand for Skills, and Labour Market Policy"
Andrew Green, OECD Future of Work Team
- 13:30 – 14:30 Lunch Break
- 14:30 – 15:30 Keynote 2 – "The Impact of Labour Regulation on Innovation"
John Van Reenen, LSE and MIT (with P. Aghion and A. Bergeaud)

Day 2 – Friday, 18 December 2020

Google Meet link: <https://meet.google.com/jcz-rgpz-esh>

- 10:00 – 11:00 Keynote 3 – "Automation, Globalization and Vanishing Jobs: A Labour Market Sorting View"
Gianmarco Ottaviano, Bocconi University (with E. Faia, S. Laffitte and M. Mayer)
- 11:00 – 11:15 Break
- 11:15 – 11:40 "Visualizing the Evolving Fit of Education and Economy: The Case of ICT Education in Norway"
Marco Capasso, Nordic Institute for Studies in Innovation, Research and Education (with M. Spjelkavik Mark)
- 11:40 – 12:05 "For Whom the Bell Tolls: the Effects of Automation on Wage and Gender Inequality within Firms"

Marco Grazzi, Catholic University of the Sacred Heart (with G. Domini, D. Moschella and T. Treibich)

- 12:05 – 12:30 "Automating Labor: Evidence from Firm-level Patent Data"
David Hémous, University of Zurich (with A. Dechezleprêtre, M. Olsen and C. Zanella)
- 12:30 – 12:40 Break
- 12:40 – 13:05 "Can Machines Learn Creativity Needs in Different Occupations?"
Sara Landi, IMT School for Advanced Studies Lucca (with G. Gnecco and M. Riccaboni)
- 13:05 – 13:30 "How Does Innovation Stimulate Performance of Global ICT Producers in the Competitive Digital Market?"
Dimitris Exadaktylos, IMT School for Advanced Studies Lucca (with M. Ghodsi)
- 13:30 – 14:30 Lunch Break
- 14:30 – 14:55 "The Role of Social Robotics in Modern Society: General Considerations and Neuroscientific Findings"
Francesco Bossi, IMT School for Advanced Studies Lucca
- 14:55 – 15:20 "Wages, Human Capital and Screening: Searching through the Hub Firms"
Francesco Del Prato, IMT School for Advanced Studies Lucca and KU Leuven
- 15:20 – 15:30 Break
- 15:30 – 16:30 Keynote 4 – "The Road to Conscious Machines: The Current State of AI and Prospects for Progress"
Michael Wooldridge, Oxford University and Alan Turing Institute

For any inquires, you may contact Sotiris Blanas (sotirios.blanas@imtlucca.it), Massimo Riccaboni (massimo.riccaboni@imtlucca.it) and Armando Rungi (armando.rungi@imtlucca.it).