

Workshop

# Manufacturing activities and value creation: industry 4.0, global value chains, and circular economy

May 4<sup>th</sup>, 2017

9.30-13.30

Sala Seminari

Palazzo Levi Cases (first floor)  
via Del Santo, 33 - Padova

The workshop aims at exploring the theoretical and empirical challenges concerning the emerging paradigm related to new technologies – industry 4.0 – and the implications for manufacturing and innovation processes in a global competitive environment.

The workshop discusses preliminary research insights of the research project "*Manufacturing activities and value creation: redesigning firm's competitiveness through digital manufacturing in a circular economy framework*" funded by University of Padua, Department of Economics and Management (Scientific Coordinator Prof. Eleonora Di Maria).

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## PROGRAMME

- 9.30 **Introduction**  
Eleonora Di Maria  
University of Padua, Department of Economics and Management
- 9.45 **Industry 4.0 and SMEs: technological scenario and business opportunities in Italy**  
Marco Bettiol  
University of Padua, Department of Economics and Management
- 10.15 **The "New" Digital Economy. Innovation, Economic Development, and Measurement**  
Timothy J. Sturgeon  
MIT Industrial Performance Center
- 11.00 **From Smiling to Smirking? 3D Printing, Upgrading and the Restructuring of Global Value Chains**  
Martha Rehnberg  
DareDisrupt, Copenhagen  
Stefano Ponte  
Copenhagen Business School, Department of Business and Politics
- 11.45 **Circular economy and industry 4.0**  
Valentina De Marchi  
University of Padua, Department of Economics and Management
- 12.15 **Industry 4.0, entrepreneurship and new firms**  
Silvia Rita Sedita  
University of Padua, Department of Economics and Management
- 12.45 **Open discussion**  
*Discussants:*  
Mark Dallas  
Union College (NY), Department of Political Science  
Eleonora Di Maria  
University of Padua, Department of Economics and Management