



Workshop

Call for paper

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 exponential development of digital technologies applied to manufacturing (additive manufacturing, internet of things - IoT, cloud computing, robotics, etc.) represents a technological breakthrough (Industry 4.0) and suggests a paradigmatic change in value creation and organization of value chain activities among firms.

On the one hand, the fourth industrial revolution opens new questions on the location strategies of production activities across clusters, regions and countries, putting under discussion offshoring decisions and emphasizing distributed manufacturing processes and the co-location of manufacturing and consumption, also for innovation purposes.

Creating Value Through Manufacturing: Exploiting Industry 4.0 in a Circular Economy Framework

March 14-15, 2019

**University of Padova | Sala Carmeli
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Submission process

Extended abstract of no more than 1,000 words can be sent to:
info.digitalmanufacturing@unipd.it

Deadline for submission (extended):
January 14th, 2019

Communication of acceptance:
January 21st, 2019

Deadline for registration:
February, 28th 2019

Full paper submission:
March 10th, 2019

In addition, the choices between outsourcing and vertical integration can be reconsidered.

On the other hand technologies may also play a key role in supporting a more effective use of resources in a circular economy perspective, coupling opportunities of traceability (i.e. through IoT) with more efficient product development (i.e. 3D printing).

The workshop gathers contributions addressing the following questions:

- How new enabling technologies are impacting on firm' strategies and value propositions?
- Which are the impacts of Industry 4.0 in terms of geographical location of manufacturing activities and outsourcing decisions?
- How digital manufacturing is connected to new innovation practices, also considering for sustainability goals?

*Participation to the workshop is free of charge:
travel and accommodation costs at the charge of participants.*

*Registration is mandatory, to be done through this link:
www.economia.unipd.it/digital-manufacturing*

For further information please contact:
info.digitalmanufacturing@unipd.it