



UNIVERSITÀ  
DEGLI STUDI  
DI BERGAMO



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**

## **Dottorato di Ricerca in Technology, Innovation and Management - TIM**

Università degli Studi di Bergamo e Università degli Studi di Napoli – Federico II



### **2° Workshop TIM**

Presentazione attività di ricerca dei dottorandi  
XXXIII ciclo e XXXIV ciclo

INTERVENGONO

**Prof. Giuseppe Zollo**

Università degli Studi di Napoli Federico II

**Prof. Stefano Paleari**

Università degli Studi di Bergamo

24 settembre 2019, ore 14-18:30

25 settembre 2019, ore 9–13 e 14-17

Dipartimento di Ingegneria Gestionale, dell'Informazione e della  
Produzione  
Aula C. 3.02  
Via Pasubio 7/b Dalmine (BG)



## Workshop Program

**24 settembre 2019**

<b>14:00</b>	<b>Prof. Stefano Paleari</b>	<b>Managing Complexity in Business Organizations</b>
15:00	Birolini Sebastian	Modeling of supply-demand interactions in air transportation
15:20	Borrelli Martina	From energy refurbishment of existing buildings to Nearly Zero Energy ones: set-up, experimental measures, performance gap and numerical modelling
15:40	Caputi Antonio	Implementation of biomimetic principles in the creation of design tools for mechanisms and structures
16:00	Carminati Paolo	Manufacturing subnetworks in international companies: definition, operationalization, and management models
16:20	Cavola Manuel	Development of robust methodologies for the optimization of logistic systems in the shipbuilding industry
16:40	Esperto Vitantonio	Monitoring and embedded control of LCM processes
17:00	Haide Robert	Characterization of multi-phase flow in porous media by means of X-ray micro computed tomography
<b>17:30</b>	<b>Prof. Giuseppe Zollo</b>	<b>Understanding and Exploiting the Value of Complexity</b>



**25 settembre 2019**

09:00	Perna	Alessia Serena	Study of functionalized polymer matrix composites with metal coatings produced by means of additive manufacturing technology
09:20	Sala	Roberto	Design and assessment of decision-making process for data-driven maintenance provision in Product-Service System
09:40	Zambetti	Michela Giuseppina	A data-driven approach to Product Service System (PSS) engineering
10:00	Arcieri	Emanuele Vincenzo	PVD coatings and their contribution on quasi-static and fatigue strength of light alloys
10:20	Bocchi	Sara	Manufacturing processes and technologies for processing innovative materials for engineering
10:40	De Alteriis	Giorgio	Redundant configuration of low-cost inertial sensors for advanced navigation of small unmanned aerial systems
11:00	Di Marino	Castrese	Human-Robot cooperation: a graph-based approach to overcome limitations within the introduction of collaborative workplaces
11:20	Napolitano	Davide Ferdinando	Building energy design and retrofit optimization, according to energy, environmental and economic targets
11:40	Panariello	Dario	Wearable systems for improving the human safety in industrial environments
12:00	Silvestri	Alessia Teresa	Powder Based Additive Manufacturing processes for tailored structures
12:30	Lunch break		
14:00	Vespoli	Silvestro	TBD
14:20	Rossi	Alice	Governance Mechanisms in Crowdfunding: From a Platform-level to a Firm-level Investigation
14:40	Spreafico	Matteo	Study of methods and tools to support the search of knowledge for technology transfer
15:00	Vasilevska	Katerina	TBD

**15:30** Visita laboratori