

International Research Workshop on Circular Economy in the Era of Digitalization Brescia, Italy, 10 June 2022

1. Welcome Note

Dear Colleagues and Friends, it is our greatest pleasure to invite you to the **International Research Workshop on Circular Economy in the Era of Digitalization**, which will be held in **Brescia**, next **June 10, 2022**, and is organized by the RISE research group at the University of Brescia (Italy) in collaboration with the Molde University College (Norway). Circular economy represents an alternative to the historically dominant linear take-waste-dispose production model, and it is seen as an important approach for sustainable improvements. In the transition to the circular economy, digital technologies have a central role. Digitalization and digital transformation enable Circular Economy at different levels and act on the product or service's total lifespan, from product development to the end-of-life. This inter-disciplinary workshop is thus focused on the role of digitalization as a key enabler for the Circular Economy. We remind you that the workshop will be informal, with the goal of presenting work-in-progress to get feedback to develop further conference or journal papers.

2. Conference Program

The event will start on the 10th of June 2022 at 9:45. Three thematic sessions have been created:

- A. Platform and Blockchain
- B. Digitalization and Circular Economy
- C. Product and Supply Chain

The detailed schedule is presented in the Table below. We are organizing a **“all together” lunch** at the end of the third scientific session: more details will follow soon.

Session	Speaker	Presentation	Timing
Welcome and opening (Prof. Nicola Saccani, UNIBS)			9:45 - 10:00
A. Platform and Blockchain	Emmanuel Kafti Mawrides	Smart Contracts Application In Circular Supply Chains	10:00 - 10:10
	Beatrice Marchi	Materials Tracing For Circularity	10:10 - 10:20
	Ernst Jan Prosman	The Role Of The Platform Economy In The Circular Transition Of The Agri-Food Industry	10:20 - 10:30
	Bjørn Jæger	Cloud Erp For Small And Medium Sized Manufacturers: Benefits Realization Performance Indicators	10:30 - 10:40
	Q&A And Discussion (Terje Andersen)		10:40 - 10:50
B. Digitalization and Circular Economy	Gianmarco Bressanelli	Towards The Smart Circular Economy	10:50 - 11:00
	Paolo Rosa	Supporting The Development Of Circular Value Chains In The Automotive Sector Through Digital Technologies: The Treasure Project	11:00 - 11:10
	Terje Andersen	Information Systems And Circular Manufacturing Strategies: The Role Of Master Data	11:10 - 11:20
	Suman Kumar Das	The Role Of Digital Technologies For The Circular Economy In Manufacturing	11:20 - 11:30

	Q&A And Discussion (Nicola Saccani)		11:30 - 11:40
Coffe Break And Networking			11:40 - 12:00
C. Product and Supply Chain	Beatrice Colombo	Supply Chain Collaboration To Foster Circular Economy: A Multiple Case Study In The Textile Industry	12:00 - 12:10
	Alok Mishra	Additive Manufacturing Ramifications On Supply Chain Resilience	12:10 - 12:20
	Erica Santini	When Dematerialization Trends Of Servitization Foster Material Efficiency	12:20 - 12:30
	Stefania Federici	Collaborative Rearch Network Tackling The Global Challenges Of Plastic Pollution	12:30 - 12:40
	Q&A And Discussion (Gianmarco Bressanelli)		12:40 - 12:50
Closing Session (Prof. Nicola Saccani, UNIBS)			12:50 - 13:00
All together lunch!			13:00 - 14:00

3. Format and instruction for presentation

Each session comprises 4 paper presentations and last approximately 1 hour. All presenters must limit their presentation time to 10 minutes maximum to allow fruitful discussions at the end. Do not forget to mention your name and the one of your co-authors at the begin of the presentation, so that participants can easily contact you and go back to your paper. Power point slides are not mandatory, but are strictly recommended: for a smooth transition, please come with the presentation ready on a USB stick on the day of the conference.

4. How to reach the venue

The workshop will be held in Aula Riunioni DIMI, inside the Department of Mechanical and Industrial Engineering of the University of Brescia, **via Branze 38, 25123 (second floor)**.

Brescia can be easily reached by plain, by train and by car. For reaching Brescia by plain, Orio or Malpensa airport are fine. For reaching Brescia by car (for detailed directions on the route to follow, we recommend Google Maps):

- A4 Milan-Venice motorway, exit Brescia Ovest or Brescia Centro
- A21 Brescia-Piacenza-Turin motorway, exit Brescia Centro
- A35 Brescia-Bergamo-Milan motorway

For reaching Brescia by train: if you are arriving by train (see the Trenitalia or Italo website) you can reach the Università degli Studi di Brescia from the railway station in different ways. You can take the underground from Brescia railway station ("Stazione FS"), getting off at Via Branze. Otherwise, the taxi stop is just outside the Railway Station building.

More information on how to reach the location can be found at: <https://www.unibs.it/en/node/4250>

5. Contact and information

For contact and information, you can send an email to the conference's chairs:

- **Terje Andersen**, Molde University College - Specialized University in Logistics, Norway
Terje.andersen@himolde.no
- **Gianmarco Bressanelli**, RISE Laboratory, Dept of Mechanical and Industrial Engineering, Università degli Studi di Brescia, Italy Gianmarco.bressanelli@unibs.it