

CIRPe 2021 – 9th CIRP Global Web Conference, October 26 -28, 2021

Sustainable, resilient, and agile manufacturing and service operations: Lessons from COVID-19

CIRPe conference overview

CIRP is the world leading organization in production engineering research and is at the forefront of design, optimization, control, and management of processes, machines, and systems. The academy has restricted membership based on demonstrated excellence in research and has some 600 academic and industrial members from 50 industrialized countries. Young researchers, whose research contribution in the area of production/manufacturing science has been deemed significant, can be officially nominated as CIRP Research Affiliates.

The objective of the Research Affiliates program is to create, develop, and promote a sustainable, CIRP-related, network of outstanding young researchers in the field of production engineering. The CIRP Global Web Conference – CIRPe is an initiative of the CIRP Research Affiliates and aims to involve scientists, researchers, and engineers from all over the world to promote dissemination and discussion on the latest achievements in production engineering.

The conference will take place online, featuring scientific paper presentations and interactive technical discussions. The scientific paper presentations and interactive technical discussions will be broadcast online during dedicated timeslots taking into account the different world time zones. Submitted papers will undergo a rigorous peer-review process and upon acceptance be published in Procedia CIRP which is broadly indexed, e.g., in EI Compendex and Scopus.

Conference topics

- Agile manufacturing systems and organizations
- Smart and sustainable manufacturing
- Mass customization, flexible manufacturing
- Enterprise and supply chain risk management
- Digital supply networks, resilient supply chains
- Production ramp-up management
- Product and service life cycle engineering
- Engineering design and sustainability
- Process and material engineering
- Additive manufacturing
- Manufacturing processes, machining
- AI for resilience and sustainability

Registration

The conference will take place on a fully internet-based platform. Paper presentations and interactive technical discussions will be broadcast online during dedicated timeslots.

A registration fee applies for each paper accepted for publication in the conference proceedings. Attending the conference is free of charge. In order to have access to the web conference material, participants will simply need to register at the homepage <https://cirpe2021.sciencesconf.org/>

Abstract and paper submission

Please submit your abstract (max. 300 words) by email to: cirpe2021@sciencesconf.org

The paper submission and review process will be managed through the Elsevier webtool. Please submit your full paper (no more than 6 pages) by selecting "SI: CIRPe 2021" as the article type in the submission steps on Editorial Manager.

Full paper submission instructions:

<https://www.elsevier.com/journals/procedia-cirp/2212-8271/guide-for-authors>.

Paper publication

CIRPe 2021 papers will be published on Procedia CIRP (by Elsevier B.V.), indexed in EI Compendex and Scopus databases.

Organizing committee chairs

Assoc. Prof. Khaled Medini, Mines Saint-Etienne, LIMOS, France
Prof. Thorsten Wuest, West Virginia University, USA

Scientific sponsors

Prof. Alain Bernard, Centrale Nantes, France
Prof. Stephen Lu, University of Southern California, USA

Organizing committee

Florent Breuil, Mines Saint-Etienne, France
Elham Jelodari, Mines Saint-Etienne, LIMOS, France
Sathish Kasilingam, West Virginia University, USA
Makenzie Keepers, West Virginia University, USA
Rodrigo Rodriguez, Mines Saint-Etienne, LIMOS, France
Magali Rousset, Mines Saint-Etienne, France

Important dates

Abstract submission	12 April 2021
Notification of abstract acceptance	15 April 2021
Full paper submission	14 May 2021
Feedback to authors	11 June 2021
Revision submission	2 July 2021
Feedback to authors	9 July 2021
Camera-ready paper (Elsevier)	30 July 2021
Conference	26-28 Oct. 2021

Contact

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Homepage

<https://cirpe2021.sciencesconf.org/>