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Nantes, France, June 22-24, 2022

Modelling and control of sustainable production taking into account the system reliability

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Aim & scope: Due to the potential economic benefits and environmental regulations, a growing number of factories leaders are devoted to consider sustainable manufacturing systems. Consequently, over the past few decades, the control of sustainable factories has been received increasing attention from researchers and factory leaders. Several works in the literature have dealt with sustainable manufacturing systems such as remanufacturing factories, disassembly/assembly systems or manufacturing with renewable energy. Besides, a few works in the literature have considered the reliability of equipment in such systems. The reliability matters as one of the important characteristics of the manufacturing system as it performs the availability of the equipment and the production quality. From this point of view, authors are invited to submit research papers pertaining to modelling, analyzing, controlling and optimizing sustainable production systems taking into account reliability. Topics may include, but are not limited to opportunities of sustainable manufacturing systems.

Keywords: Sustainable Manufacturing System, Reliability, Remanufacturing system, Assembly/Disassembly Systems, Renewable Energy, Control and Optimization, Simulation, Artificial Intelligence, Industry 4.0.

Submission: The submission process and the guidelines of paper preparation can be found on the web page of the conference at: <https://hub.imt-atlantique.fr/mim2022/>

Please submit your contribution using the following session identification code: -

Important dates:

December 25, 2021	Deadline for the submission
February 15, 2022	Notification of acceptance/rejection
March 15, 2022	Deadline for the final submission

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