

Open Invited Session on "Mass customization, configuration techniques, modularity "

IFAC MIM 2019, August 28-30, 2019, Berlin, Germany

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Open Invited session Identification Code : **er4yi**

Invited Session Chairs:

Prof. Michel Aldanondo, Univ Toulouse / IMT Albi - FRANCE

Dr. Lothar Hotz, Hamburger Informatik Technologie-Center - GERMANY

Dr. Elise Vareilles, Univ Toulouse / IMT Albi - FRANCE

*Prof. Yue Wang, Hang Seng University of Hong Kong - HONG KONG **pending approval***

More than twenty years ago Mass Customization was acknowledged as a "New Frontier in Business Competition". Its key idea: the production of personalized or custom-tailored goods or services to meet consumers' diverse and changing needs at almost mass-production prices. At the same time, Configuration techniques and first configuration software appears on web sites as key tools for electronic commerce and mass customization achievement.

Mass Customization and Configuration techniques both require powerful knowledge representation formalisms and acquisition methods to capture the variety and complexity of products and services. Furthermore, efficient reasoning methods are necessary to support interactive behavior, solution search, satisfaction of user preferences, personalization, optimization and reconfiguration.

This Open Invited session aims to gather recent developments in the field of: Mass Customization, Configuration techniques, product and service modularity. We either seek theoretical contributions or case studies.

Track topics:

We invite scientists, engineers and decision makers from government, industry and academia to propose theoretical and applied research papers in areas including but not limited to the following topics:

Product design and manufacture for mass customization.

Mass customization business model.

Mass customization and product diversity analysis

Configuration Problems and Models

Configuration solving and reasoning Methods

Products and services customization or configuration.

Mass customization and configuration techniques deployment.

Submission

For author guidelines, please refer to www.ifac-control.org. All papers must be submitted electronically using Symposium Manuscript Management System (CMMS). All papers must be prepared in a two-column format in accordance with the IFAC manuscript style. Please use the official IFAC instructions and template to prepare your contribution as full-length draft paper and submit it online by December 15, 2018. Submission details are available on the symposium website. All submissions must be written in English. All papers that conform to submission guidelines will be peer-reviewed by IPC members. The corresponding author submits the paper online (pdf format) as **an open invited session paper**. Submission as an invited paper requires the **open invited session code er4yi**. Several international journals are associated with the MIM 2019 for publication of special issues.

Important dates:

December 15, 2018 Deadline for the submission

February 20, 2019 Notification of acceptance/rejection

March 15, 2019 Deadline for the final submission