Call for Papers in PLM2016 Special Session on:

LPD - LEAN PRODUCT DEVELOPMENT AND THE ROLE OF PLM

International Conference on Product Lifecycle Management
University of South Carolina, in Columbia, SC, USA on July 11-13 2016.

Session Chairs

Monica Rossi
Department of Economics, Management and Industrial Engineering,
Politecnico di Milano, Italy
monica.rossi@polimi.it

Julien Le Duigou
Department of Mechanical Systems Engineering,
UTC Compiégne, France
julien.le-duigou@utc.fr

CALL FOR PAPERS

Lean Product Development (LPD) is derived from the Lean Manufacturing philosophy. Its aim is to get the most efficient and continuous process to provide product features or performances valued by customers. But if Lean manufacturing principles fit well with product development, there are major differences between the two: Mainly it is rare in product development that the same activity occurs twice exactly in the same way or produces the same results. The Work in Progress is also more difficult to see in product development, as it is mainly constituted of information stored in computers. Often, IT is not considered as a support for lean principles implementation. Sometimes even, they are thought to be incompatible. But IT and in particular PLM can help LPD to go beyond prior knowledge to overcome some of current challenges. Most commonly these challenges are related to globalization, mass customization, fast innovation, extended enterprise, knowledge and information management, product traceability, configuration and change management. In response, new approaches, methods and tools are emerging, which include combinations of LPD and PLM to optimize product development. The focus on a LPD supported by PLM concepts is a strategic approach for the effective management of product development processes.

The evolution of LPD and the possibilities offered by PLM give opportunities to extend current understandings of these concepts, introduce new areas of research, and develop new scientific knowledge and technologies. The chairs invite authors to submit an article to the special session on LPD - Lean Product Development and the role of PLM. This may include review papers, theoretical and conceptual contributions and empirical research contributions, including surveys and case studies. All submissions will be reviewed on the basis of relevance, originality, importance and clarity. Topics of interest include the following areas (but not limited to):

- LPD and PLM functions
- LPD and lifecycle management
- LPD and PLM influence of/from social networks
- LPD and PLM implementation processes
- LPD and PLM maturity and improvement concepts
- LPD and PLM collaboration and integrated design
- LPD and PLM information and knowledge management
- LPD and PLM configuration and change management
- LPD and PLM decisions traceability and performance
- LPD and PLM metrics, standards and regulation
- LPD and PLM supply chain integration
- LPD and project/program management
- LPD and Systems Engineering
KEY DATES
Conference dates: July 11-13 2016
Location: University of South Carolina, Columbia, SC, USA

Full Paper Submissions (Max 10 pages) March 15, 2016
Notification of Acceptance April 23, 2016
Camera ready due June 1, 2016
Early Registration* June 10, 2016
*Presenting author must register by this date

INSTRUCTION FOR AUTHORS

Paper Submission
Authors are invited to submit high quality original papers of up to 10 pages in length for review. Each paper (in English) will be reviewed by two members of the International Review Committee. Those that are accepted will be published in the conference proceedings by Springer and may be considered for publication (extended version) in the International Journal of Product Lifecycle Management (IJPLM, www.inderscience.com/ijplm). Submission instructions are available on the PLM16 website: http://www.plm-conference.org

Conference Organization
The conference is promoted by the International Federation for Information Processing (IFIP) Working Group 5.1 on Global Product Development for the whole Lifecycle (www.ifip-wg51.org).

Program Chairs:
R. Harik, University of South Carolina, USA
L. Rivest, ETS Montreal, Canada

General Chairs:
B. Gurumooorthy, IISc Bangalore, India
A. Rangarajan, GE Global Research, USA
F. Ameri, Texas State University, USA

Steering Committee:
A. Bernard (Chair), ECN Nantes, France
A. Bouras, Qatar University, Qatar
B. Eynard, UTC Compiègne, France
S. Foufou, Qatar University, Qatar
S. Fukuda, Hon. Professor, Japan
C. McMahon, University of Bristol, UK
S. Terzi, University of Bergamo, Italy
K-D. Thoben, Univ. Bremen, Germany

LPD Special Session Coordinators: M. Rossi, Politecnico di Milano, Italy
J. Le Duigou, UTC Compiègne, France

Program Committee
PLM16 committee members are an internationally recognized group of leading researchers covering a broad range of topics related to the conference themes. Most of them are members of the IFIP WG5.1 working group: http://www.ifip-wg51.org/members.php

Further Information on LPD session
Any enquiries about the LPD session should be directed to the LPD special session coordinators Monica Rossi at monica.rossi@polimi.it or Julien Le Duigou at julien.le-duigou@utc.fr. Information about the conference is now available on PLM16 web site: http://www.plm-conference.org. Updates on the website’s content will be made on an ongoing basis to include details about the LPD special session. We hope to have the pleasure of meeting you in Columbia and creating new avenues for collaboration between the LPD and PLM research communities. Feel free to transmit this invitation to colleagues.

Submission site: https://cmt3.research.microsoft.com/PLM2016/
Conference email: plm16@cec.sc.edu