



**The 47th CIRP Conference
on Manufacturing Systems
28 - 30 April 2014 University of Windsor
Windsor, Ontario, Canada**



International Academy for
Production Engineering,
Paris, France

Intelligent Manufacturing
Systems (IMS) Centre,
University of Windsor, Canada

CALL FOR PAPERS

Conference Theme: Variety Management In Manufacturing

Scope and Topics

The conference will cover a range of manufacturing systems topics including but not limited to:

Design of products, systems, families and platforms
Process, production, factory planning for Variety
Mass customization and personalization
Reconfiguration, scalability & capacity planning
Flexibility, re-configuration and changeability
X-to-Order (engineering, design, manufacture, logistics)
Learning factories and manufacturing education
Globalization and capacity planning
Complexity management
Logistics, supply chains & production networks
Sustainability of manufacturing systems

Production systems evolution and co-development
Business models, strategic enterprise planning for change
Variety management techniques
Ramp-up strategies for product variants
Intelligent, adaptive and e-manufacturing
Digital and rapid manufacturing
Energy-efficient processes and systems
Beyond lean manufacturing
Variety and quality of products and processes
Knowledge management in changeable manufacturing

Conference Venue

Sessions: CEI building

The Ed Lumley Centre for Engineering Innovation (CEI) is designed for the 21st-Century - with an Industrial Courtyard for joint industry/university research projects – creating a direct connection between education, research and industrial innovation.



Eighty teaching and research laboratories, some with features never seen before in North America, eight classrooms, more than a dozen student meeting rooms and over 300 computer workstations - giving students the collaborative meeting, study spaces they need and a “living building” that is wired for student study – bringing engineering to life through real-time monitoring of the expansive green roof, cross-atrium bridges and HVAC performance. CEI is a LEED (Leadership in Energy and Environmental Design) certified building.

Information and contact

Conference website: www.uwindsor.ca/CMS2014
CMS 2014 Secretariat Contact: cms2014@uwindsor.ca

Conference Organization

Conference Chair: Professor Hoda ElMaraghy
Conference Co- Chair: Professor Waguih ElMaraghy

Important Deadlines

Abstracts	31 October 2013
Full Paper	6 December 2013 (Extended)
Full Paper Acceptance	16 December 2013
Final Full Papers	10 January 2014
Conference Early Registration	15 January 2014
Conference	28 – 30 April 2014