

# Call for Papers:

## 13th Design for Manufacturing and Life Cycle Conference

The Design for Manufacturing Committee of the Design Engineering Division of the American Society of Mechanical Engineers is pleased to announce the 13th Annual Design for Manufacturing and Life Cycle Conference, to be held on August 3-6, 2008 in New York City, New York as part of the ASME International Design Engineering Technical Conferences.

This conference brings together researchers, practitioners and educators from universities, government organizations, and industry in the design for manufacturing and the life cycle areas together to share latest results in the field and define new challenges. The ASME Design for Manufacturing and Life Cycle Conference is the main international forum for the exchange of technical and scientific information on the theory and practice of DFX and product life-cycle management (PLM) encompassing the topics listed below among others. The conference will feature tutorials, workshops, panel discussion and papers presented in lecture format and interactive presentation sessions, in diverse areas of DFX and PLM.

This conference solicits both fundamental research and industrial practice papers. Paper topics include, but are not limited to:

- Theoretical Foundations for Design and Manufacturing Integration
- Integrated Product and Process Development Processes
- Virtual, Collaborative, and Distributed Environment for Design and Manufacturing Integration
- Sustainable Engineering including:
  - Design for Environmentally Conscious Manuf.
  - Ecological Design
  - Design for Remanufacture & Re-use
  - Incorporation of Social Decision Factors
- Design for Mass Customization, Design for Service, Design for Layered Manufacturing & Design for Quality
- Integrated Assembly Design and Planning
- Part Design and Process Planning Integration
- Manufacturability Analysis during Conceptual Design
- Manufacturing Cost Estimation
- Emerging Life Cycle Design for X Methods including:
  - Reliability, Maintainability and Warranty
  - Availability (Performance-Based Logistics)
  - Life Cycle Cost and Total Cost of Ownership
  - Prognostics and Health Monitoring
  - Obsolescence (Planned and Involuntary)
  - Technology Insertion and Roadmapping
- Design for Manufacturing and Life Cycle Issues in Nano-manufacturing and Tissue Engineering
- Robust Design and Variation Management, Robust Life Cycle Management

Proposals are also welcome for organizing workshops, tutorials, and panel discussion.

### Paper Submission

Authors must submit papers using ASME's online paper submission and conference management system. Deadlines for the conference are:

January 21, 2008	Submission of Abstract and Full-Length Draft Paper for Review
March 3, 2008	Paper Review Completed
March 24, 2008	Author Notification of Draft Paper Acceptance
April 1, 2008	Submission of Copyright Form
April 28, 2008	Submission of Final Accepted Paper
July 4, 2008	Author Pre-Registration Deadline (if applicable)

For more information, visit the conference website at <http://www.asmeconferences.org/idetc08>

### Best Paper Award and Possible Journal Publication

Papers of note will be reviewed for the Best Paper award. Extended versions of selected papers will be forwarded for possible publication in ASME Journal of Mechanical Design or ASME Journal of Computing and Information Science in Engineering.

### Conference Chair

Peter Sandborn  
Department of Mechanical Engineering  
University of Maryland  
2181 Glenn L. Martin Hall  
College Park, MD 20742  
Phone: 301.405.3167; Fax: 301.314.9477  
Email: [sandborn@umd.edu](mailto:sandborn@umd.edu)

### Papers Chair

Marcos Esterman  
Industrial and Systems Engineering  
Rochester Institute of Technology  
81 Lomb Memorial Drive  
Rochester, NY 14623-5603  
Phone: 585.475.6922; Fax: 585.475.2520  
[mxeie@rit.edu](mailto:mxeie@rit.edu)