



4th ICMEM

The 4th International Conference on Mechanical Engineering and Mechanics (4thICMEM) will be held during August 11-12, 2011, in Suzhou, China. Suzhou, the cradle of Wu culture, adjacent to Shanghai in the east, neighboring Nanjing on the west, has been renowned as "paradise on earth" and "land of fish and rice" since ancient time.

The Conference is sponsored by Nanjing University of Science and Technology (PRC), Virginia Polytechnic Institute and State University (USA), Purdue University (USA), Chemnitz University of Technology (Germany), Kyushu University (Japan) and City University of Hong Kong (HK, PRC).

The last three conferences (ICMEM2005, ICMEM2007 and 3rd ICMEM) were held in 2005, 2007 and 2009 respectively. The registers came from United States of America, United Kingdom, Germany, France, Canada, Japan, Italy, Korea, Singapore, Australia, Indian, Czech, Egypt, Switzerland, Iran, Iraq, Pakistan, Thailand, Turkey, Romania, China, Hongkong (PRC) and other countries or regions. 1160 papers were accepted in the proceedings and fully indexed by ISI Proceedings (former name ISTEP).

Topic Areas / Conference Tracks

The conference seeks original research papers in mechanical engineering and mechanics of new theories, methods, algorithms, experimental and applied researches, etc.

Topics of interests include, but are not limited to, the following:

Engineering Design

Emerging Design Theory and Methodology
Creativity and Innovation in Design
Theory and Methodology for Sustainable Product Development
Design in Collaborative and Distributed Environments
Virtual Design
Reliability, Stress Analysis and Failure Prevention
CAD/CAM/CAE

Mechatronics and Robotics

Critical Structure Health Monitoring Theory, Method and Application
Smart and Intelligent Sensor and its Application
Sensor Signal Process
Robot Kinematics and Dynamics
Robot Control and its Application
Intelligent Machinery and Bionic Machinery
Fluid Power Transmission and Control

Applied Mechanics

Disaster Reduction and Defense Mechanics
Multibody System Dynamics
Dynamics, Vibration and Time-dependent Deformation
Computational Mechanics
Mechanics in Advanced Materials
Experimental Mechanics
Penetration Mechanics
Biomechanics
Mechanics in Tribology

Advanced Manufacturing Technology

Green Manufacturing
Emerging Technologies in Manufacturing
Virtual Manufacturing and Networked Manufacturing
Bio-manufacturing
Rapid Prototyping
Detection, Control, Diagnosis, and Maintenance in Manufacturing
Environmental Issues in the Product Life Cycle

Design Art

Green Environment Design
Industrial Design
Graphic Design
Digital Media
User Design

MEMS

Design Theory and Methodology of MEMS
Fabrication and Packaging of MEMS
MEMS Testing
Micro/Nano Devices and Systems
Microfluids Technology in Micro/Nano-System
Applications of MEMS

Vehicle Engineering

Energy Conservation and Environment Protection
Modern Vehicle Design Theory and Method
Vehicle Dynamics
Noise Vibration and Harshness
Vehicle Electrics Control and Safety
Vehicle Navigation and Information Systems
Electric Vehicle

Industrial Engineering

Project Management
Logistics Management
Sustainable Engineering
Production and Operation Management
Industrial Automation Information Systems
Production Systems Design, Planning and Control
Human Factors Engineering

Mechanical Engineering Education

Visions of Mechanical Engineering Education
Enhancing Students' Creativity
Innovative Curricula and Mechanical Engineering Courseware
Innovative Instructional Approaches

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Authors' Guide

Authors should submit abstract before January 10 and full paper before March 31, 2011. These are hard deadlines and no extensions will be given.

Each paper should clearly state the purpose, methods and conclusions of the work. Please indicate the corresponding topic of your paper. Personal information including author's full name (Chinese name if the authors are Chinese), nationality, affiliation (employer, working unit), email, phone number, fax number, personal contact address, etc. are also required.

Please submit papers through ICMEM website: <http://www.icmem.org>. All submitted papers should be in the forms of PDF and DOC file simultaneously and are to be limited to a maximum length of 6 A4 pages including figures, tables and references.

Key Dates

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| Abstract Submission Deadline | January 10, 2011 |
| Notification of Abstract Acceptance | January 25, 2011 |
| Notification of Abstract Acceptance | March 31, 2011 |
| Full Paper Submission Deadline | April 20, 2011 |
| Notification of Paper Acceptance | May 20, 2011 |
| Camera Ready Manuscript Submission Deadline | June 10, 2011 |
| Deadline for Authors' Registration | |

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