



33rd Mechanisms and Robotics Conference (MECH)

Description

The *33rd Mechanisms and Robotics Conference* occurs as part of the *2009 ASME International Design Engineering Technical Conferences and Computers and Information in Engineering Conferences*. The Conference takes place in San Diego, California, from August 30 – September 2, 2009 at the San Diego Convention Center. Sponsored by the Technical Committee on Mechanisms and Robotics, an integral part of the ASME Design Engineering Division, this annual gathering is a premier international meeting in mechanisms, robotics, and related fields. The ASME Mechanisms and Robotics Conference provides an international forum for the exchange of technical and scientific information on the theory and practice of mechanical systems. The conference will feature tutorials and workshops, keynote and invited speakers, and interactive presentation sessions. Topics will range throughout areas central to mechanical design including kinematics, dynamics, design, computation, and software development.

Objectives

Authors and presenters are invited to participate in the 33rd Mechanisms and Robotics Conference to expand international cooperation, understanding, and promotion of efforts and disciplines in the area of mechanisms and robotics. Dissemination of knowledge by presenting research results, new developments, and novel concepts will serve as the foundation upon which the conference program will be developed.

Likely topics include but are not limited to:

- [Mechanism Analysis and Synthesis](#)
- [Robot Kinematics and Motion Planning](#)
- [Robot Dynamics and Control](#)
- [Theoretical and Computational Kinematics](#)
- [Machine Dynamics, Vibration and Control](#)
- [Compliant Mechanisms](#)
- [Interactive Sessions](#)
- [Medical Devices and their Applications](#)
- [Novel Mechanisms, Robots and Applications](#)
- [ASME Student Mechanisms Competitions](#)

All papers will be reviewed and, if accepted, will be published in the conference proceedings on CD-ROM. For further information, contact the organizers of the conference:

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