



iNaCoMM 2013

1st International & 16th National Conference on Machines and Mechanisms
Indian Institute of Technology Roorkee, Roorkee
18 - 20 December, 2013



Conference details and updates:
www.nacomm2013.org

Email:
nacomm2013@iitr.ernet.in



Department of Mechanical & Industrial Engineering, IIT Roorkee, under the aegis of Association for Machines and Mechanisms (AMM), and International Federation for the Promotion of Mechanism and Machine Science (IFTOMM) is organising iNaCoMM 2013 at IIT Roorkee. The conference aims at bringing together researchers, industry experts and students interested in various aspects of design and analysis of machines and mechanisms. The conference will also have key note lectures and students mechanism design contest.

TOPICS

- | | |
|---|--|
| Analysis and Synthesis of Mechanisms | Vehicle Dynamics |
| Compliant Mechanisms | Mechatronic Systems |
| Design and Analysis of Biomedical Devices | Micro-, Nano-Machines and Mechanisms |
| Dynamics and Control of Multi-body Systems | Modeling and Simulation |
| Dynamics and Vibration Analysis in Machines | Robotics |
| Fault Diagnosis and Health Monitoring | Theoretical and Computational Kinematics |
| History of Machines and Mechanisms | Tribology |
| Mechanisms and Machines for Rural, Agricultural and Industrial Applications | |

PUBLICATIONS

Based on three peer reviews, some papers will be accepted for presentation and some more for poster presentation. Selected papers would be recommended for publication in the

1. Mechanism and Machine Theory, published by Elsevier
2. Robotica, published by Cambridge University Press.
3. Industrial Robot: An International Journal, published by Emerald
4. Robotics and Computer-Integrated Manufacturing published by Elsevier.

SUBMISSION

Authors are invited to submit a two-page extended abstract following the "Abstract Submission" link (<https://www.easychair.org/conferences/?conf=inacomm2013>) at the conference website by April 20, 2013. The official language of the workshop is English.

REGISTRATION

At least one author of each accepted paper is required to register for the conference. Registration categories and fees, etc. are available at conference website.

IMPORTANT DATES

- | | |
|--------------------------------|--------------------|
| Submission of Abstract | April 20, 2013 |
| Acceptance of Abstract | April 30, 2013 |
| Submission of Full Paper | May 31, 2013 |
| Notification of Provisional | July 31, 2013 |
| Submission of Revised Papers | August 31, 2013 |
| Notification of Final Decision | September 30, 2013 |
| Submission of Camera-Ready | October 15, 2013 |
| Registration | October 20, 2013 |

CONTACT

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MECHANISM DESIGN CONTEST FOR STUDENTS

The objective of the competition is to encourage the students to apply their theoretical knowledge in the domain of mechanism and machines to solve problems relevant to society.

WORKSHOP

The conference opens with one day workshop on following topics



Workshop on compliant mechanism
by
G. K. Anathasuresh
Professor
IISc Bangalore

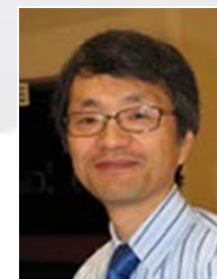


Workshop on multi body dynamics
by
Javier Cuadrado
Professor
Univeridad de La Coruña, Spain



Workshop on bond graph modelling
by
Belkacem OULD BOUAMAMA,
Head of the research group "Bond Graphs",
EcolePolytechnique de Lille, France

KEYNOTE SPEAKERS



Y. Nakamura
Professor
University of
Tokyo and
President,
IFTOMM



Amalendu Mukherjee
Professor
Mechanical
Engineering
Department
IIT Kharagpur



Ranjan
Mukherjee
Professor
Michigan State
University, USA



Dr. S. Guruprasad,
Director,
Research &
Development
Establishment(DRDO),
Pune

We invite sponsorships for the conference. Please contact organizing secretary for details.