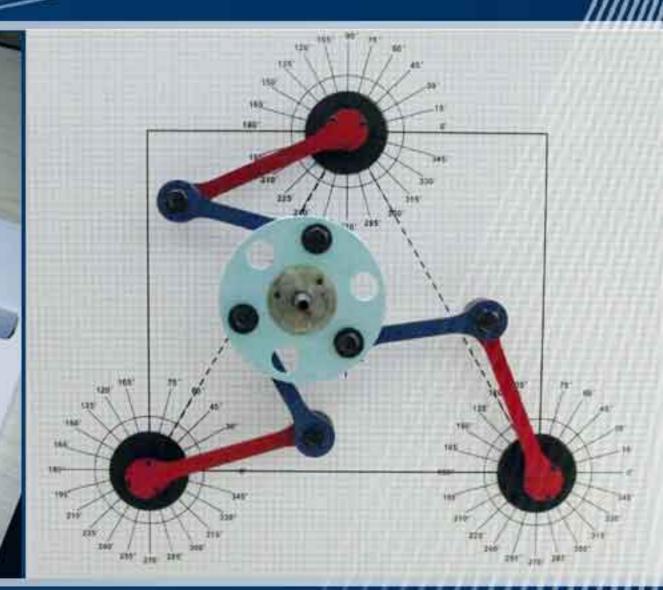


# TEGOMINI 2011

15th National Conference on Machines and Mechanisms November 30 - December 02, 2011



Department of Engineering Design, IIT Madras under the aegis of Association for Machines and Mechanisms (AMM), and International Federation for the Promotion of Mechanism and Machine Science (IFToMM) is organising NaCoMM 2011 at IIT Madras. 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 also includes a one-day workshop focusing on the kinematics of mechanisms and robot manipulators, and a students' mechanism design contest.

#### KINEMATICS WORKSHOP

The conference opens with a one-day workshop on kinematics, conducted by the following experts:



Prof. A. K. Mallik, Honorary Distinguished Professor, Bengal Engineering and Science University, Shibpur, India.



Univ.-Prof. Dr. Manfred L. Husty, Professor of Geometry and CAD, University of Innsbruck, Austria.

Workshop would focus upon the motion analysis and design of planar and spatial mechanisms. Registration for the conference includes participation in the workshop. More details of the workshop are available at: http://www.nacomm2011.org/workshop.html.

#### MECHANISM DESIGN CONTEST FOR STUDENTS

The objective of the competition is to encourage the students to apply their theoretical knowledge in the domain of mechanisms and machines to solve problems relevant to the society. Participation is restricted to individuals or groups of students (up to three members), registered as full-time students or research scholars or project assistants in recognised institutes.

The design problem may be chosen from a wide range of application domains - from agricultural and rural technology to automobile and aerospace

a. Tree climbing mechanism

engineering. A few examples are:

- b. Assistive devices for vertical transport of materials at construction sites
- c. Walking mechanism (with two or more legs), for rough and even terrain

The above are only representative and the participants can choose any relevant problem. Participants are required to submit a two-page proposal by 15th August, 2011 outlining the design challenge and innovation of the proposed design. More details of the competition are available at: http://www.nacomm2011.org/studentcontest.html.

#### REGISTRATION

At least one author of each accepted paper is required to register for the conference by 15th October, 2011. Registration categories and fees, etc. are available at the site: http://www.nacomm2011.org/register.html. instructions would be posted on this site as appropriate. AMM Life/Corporate members are entitled to a concession in the registration fee upon quoting their membership numbers during the registration process.

#### IMPORTANT DATES

Abstract submission : May 31, 2011

: June 15, 2011 Abstract acceptance

Full paper submission: July 31, 2011

Acceptance notification: Sept 30, 2011

Camera ready paper : Oct 15, 2011

Registration \* : Oct 15, 2011

\*At least one author of each accepted paper

## KEYNOTE LECTURES

#### K. Lakshminarayana Memorial Lecture



Prof. Ashitava Ghosal, Department of Mechanical Engineering & CPDM, Indian Institute of Science, Bangalore, India.

# B. M. Belgaumkar Memorial Lecture



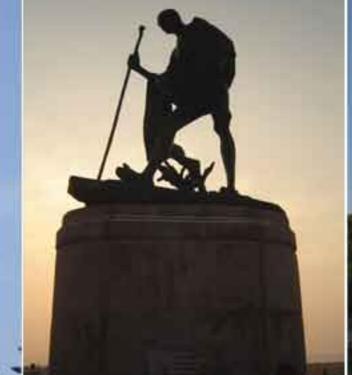
Prof. Dr.-Ing. Andrés Kecskeméthy, Chair of Mechanics and Robotics, University of Duisburg-Essen, Germany.

### ACCOMMODATION

In view of multiple programmes running at IITM during the time of the conference, very few rooms are available in the campus guest house. Participants are requested to make their own arrangements for accommodation in hotels close to the campus. More information about near-by hotels would be through the website: made available http://www.nacomm2011.org/acco.html.



















Conference details and updates:

http://www.nacomm2011.org

Email: nacomm2011@iitm.ac.in

