

Symposium on Machines & Mechanisms for Agriculture and Rural Applications

(an IPRoMM initiative)

Event: Pre-conference Symposium during IFToMM Asian Mechanism and Machine Science (Asian MMS 2018)

Date: December 17, 2018

Venue: J. N. Tata Auditorium, Indian Institute of Science (IISc), Bengaluru – 560012, India

CALL FOR PARTICIPATION

A one-day symposium is planned as an initiative of Industrial Problems on Machines and Mechanisms (IPRoMM) during Asian MMS 2018. The theme is related to the usage of machines and mechanisms for agriculture and rural applications.

Mechanization and modernization of methodologies followed in farming are steadily improving over the years. These aim to attain improved productivity and reduce efforts by human workers. Similarly, a lot of rural technologies have been developed to improve the livelihood of people. A lot of scope is still there to improve these scenarios.

A typical workflow of a product related to agriculture/farming equipment and rural technologies is as follows:

- Identification and formulation of problem statements
- Ideation
- Systematic design of proposed ideas/concepts
- Fabrication/development of equipment
- Testing and deployment
- Feedback and redesign

The symposium comprises a keynote lecture followed by several talks/sessions by researchers working in the aforementioned topics and also from industries. They discuss how a product could be developed and deployed. In addition, they will also share their success stories.

Registration

The attendees can be students pursuing engineering (undergraduate, postgraduate or doctoral), researchers, faculty, and personnel from industries working in the related fields.

The registrants of Asian MMS 2018 will have free access to attend the symposium. The registration charges for attending only the symposium is Rs. 2,500.

About Asian MMS 2018

Asian Conference on Mechanism and Machine Science (Asian MMS 2018) is an international conference organized under the patronage of IFToMM during Dec 17-20, 2018. The aim of the conference is to bring together academic researchers, industry professionals, and students in the fields of mechanism and machine science. The first Asian MMS 2010 was held in Taipei. This conference is the fifth in the series after Tokyo in 2012, Tianjin in 2014, and Guangzhou in 2016. The Asian MMS 2018, although primarily intended for Asian countries, serves as a global platform for the participants to exchange ideas and present their research in the following topics.

About IPRoMM and AMM

IPRoMM (Industrial Problems on Mechanisms and Machines) is an initiative under the aegis of Association for Machines and Mechanisms (AMM), a member organization of International Federation for the Promotion of Mechanism and Machine Science (IFToMM).

AMM India was formed in 1981 as a group of researchers, both academic and industrial, working in the field of mechanisms and machine sciences. AMM has been instrumental in organizing National Conference on Machines and Mechanisms (NaCoMM) held every alternate year. The last three versions of NaCoMM have been made international and hence renamed as International and National Conference on Machines and Mechanisms (iNaCoMM). The year in between iNaCoMMs, efforts are made to conduct IPRoMM as a National Workshop.

This symposium is being organized as an IPRoMM initiative, along with the Asian MMS 2018 conference.



Steering Committee

- Prof. C. Amarnath
IIT-Bombay (Retired)
AMM President
- Prof. G. K. Ananthasuresh
IISc, Bengaluru
AMM Vice President
- Prof. Ashitava Ghosal
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Organized by:



AMM India



IISc Bangalore