



Third International Conference on  
Advances in Control and Optimization of Dynamical Systems  
ACODS-2014  
March 13-15, 2014  
Indian Institute of Technology Kanpur, India



INVITED SESSION CALL FOR PAPERS  
ACODS-2014 INVITED SESSION ON  
**Design, Dynamics and Optimization of Active  
Mechanisms for Dynamical Systems**

for Dynamical systems

[http://www.iitk.ac.in/acods2014/Home\\_ACODS-2014.html](http://www.iitk.ac.in/acods2014/Home_ACODS-2014.html)

**Invited Session Chair  
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**Background:** The basic motivation of mechanism design is the ease of performing any complex task in a lucid manner with desired accuracy. Technological revolutions in computing sector has enhanced the scope of flexible/ reconfigurable designing of active mechanisms. The prime need of the day is to design intelligent mechanisms on the fusion of smart material based structures and efficient computational designs to solve a complex problem by precise and accurate decisions. Original and unpublished contributions are solicited from researchers in the following subjects including (but not limited to the following):

**Topics :** Potential topics of this invited session include, but are not limited to:

- Smart Mechanism Design
- Biology Inspired Smart Mechanism and Structure
- Smart Sensor and Actuator in Dynamical Systems
- Compliant Mechanism Design
- Evolutionary Mechanism Design
- Intelligent Motion/ Path Planning
- Emotion, Cognition and Machine Learning in Mechanism Design
- Swarm Intelligence in Mechanism Design
- Health Monitoring in Mechanism Design
- Modern Control of Dynamical Systems
- Artificial Intelligence and Dynamical Systems

**Important Dates :**

30<sup>th</sup> November 2013: Deadline for submission of full-length papers

15<sup>th</sup> December 2013: Acceptance/rejection notification

15<sup>th</sup> January 2013: Final camera-ready papers due in electronic form.

Papers for the Invited Session should be submitted through **papercept**. Please visit the conference website for more information.