



VSS 2012

12th International Workshop on Variable Structure Systems

January, 12-14, 2012
Victor Menezes Convention Center,
IIT Bombay, Mumbai, India



Organizers:

IEEE CSS Technical Committee
on Variable Structure Systems
and Sliding Mode Control

Interdisciplinary Programme in
Systems and Control Engineering,
IIT Bombay, India

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Call For Papers

The 12th International Workshop on Variable Structure Systems is scheduled to be held during January, 12-14, 2012 at the Indian Institute of Technology Bombay. The VSS workshop brings together the international community of researchers and practitioners in the area of Variable Structure Systems and Sliding Mode Control.

The Indian Institute of Technology Bombay is one of the premier engineering institutes in India. The Systems and Control group at IIT Bombay is the largest group in India with focus on control systems research.

The VSS12 will feature presentations of contributed and invited papers as well as tutorial sessions. Moreover there will be at least 3 plenary talks and 20 invited talks on very recent advances in Sliding Mode Control.

Call for Contributed Papers: Prospective authors are invited to submit full version of their research papers electronically. Papers must conform to the submission policy, described below.

Scope of the Workshop:

Theory:

Higher Order SM
Chattering Analysis
Discrete time SM
Output Sampling SM
SM Observers
SM Observer based Fault Detection
SM Control for Hybrid Systems

Applications:

SM Control for Electric drives and actuators
SM Control in Power Electronics
SM Control in Mobile Robots
SM Control in Smart Structures
SM Control in automobile industry
SM Control in Aerospace Vehicles
SM Control in Multi-agent Systems

Important Dates:

Paper submission site open :	June 15, 2011
Deadline for submission of contributed papers :	August 15, 2011
Notification of acceptance/rejection :	October 31, 2011
Final submission and online registration opens :	November 1, 2011
Deadline for final submission and online registration :	November 30, 2011

*Please visit the Conference homepage for further information.

www.sc.iitb.ac.in/vss2012

* Contact Conference Secretariate for any queries.

