



## 17<sup>th</sup> International Workshop on Variable Structure Systems VSS 2024 Abu Dhabi, UAE

The 17th International Workshop on Variable Structure Systems will be held Monday October 21 through Thursday October 24, 2024 at the Khalifa University in Abu Dhabi, UAE. It is the premier conference in variable structure and sliding mode control bringing together people from academia and industry. It will feature three plenary talks as well as regular and poster sessions.

### SCOPE (but not limited to)

Theory of sliding mode control and observation

- First order sliding mode
- Higher order sliding mode
- Chattering analysis
- Discrete time sliding mode
- Adaptive sliding mode
- Sliding mode based fault detection
- Oscillations, attractors and chaos

Applications

- Automotive systems
- Hydraulic/pneumatic systems
- Electric drives and actuators
- Power electronics
- Multi-agent systems
- Mobile robots
- Process industry

### IMPORTANT DATES

- Paper submission site open: February 2024
- Deadline for paper submission: May 1, 2024
- Notification of acceptance: July 15, 2024
- Final submission and registration open: August 1, 2024
- Deadline for final submission and online registration: September 1, 2024

### PAPER SUBMISSION

You are invited to electronically submit the full version of your work following the IEEE standards via [controls.papercept.net/conferences](https://controls.papercept.net/conferences)



Conference venue: **KHALIFA UNIVERSITY, ABU DHABI**

**TECHNICAL SPONSORSHIP: IEEE Control System Society**

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