



# CALL FOR PAPERS

## 16<sup>th</sup> International Workshop on Variable Structure Systems VSS 2022

Pestana Rio Atlântica, Copacabana,  
Rio de Janeiro – RJ, Brazil  
September 11-14, 2022

The 16th International Workshop on Variable Structure Systems will be held Sunday September 11 through Wednesday September 14, 2022 at the Pestana Rio Atlântica, Copacabana, Rio de Janeiro – RJ, Brazil. 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

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
- Networked control systems

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: November 15<sup>th</sup>, 2021
- Deadline for paper submission: **May 8<sup>th</sup>, 2022 (Firm deadline)**
- Notification of acceptance: June 17<sup>th</sup>, 2022
- Final submission and registration open: June 20<sup>th</sup>, 2022
- Deadline for final submission and online registration: July 17<sup>th</sup>, 2022

### PAPER SUBMISSION

You are invited to electronically submit the full version of your work following the IEEE standards via the web page:

[www.lee.uerj.br/vss2022](http://www.lee.uerj.br/vss2022)  
[vss2022@lee.uerj.br](mailto:vss2022@lee.uerj.br)

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