

## Call for Abstracts: 13th Summer Workshop on Interval Methods (SWIM) • 19—21 July 2022 • Hannover, Germany

[SWIM 2022](#) will take place from July 19—21 at the Leibniz University Hannover, Germany.

This workshop provides a platform for researchers working on or with interval methods and their applications.

We encourage all researchers to use the conference as a forum for lively discussions about current methodological research activities and their latest developments on practically applicable techniques.

### Topics of interest include, but are not limited to:

- Robust and Nonlinear Control Systems
- State Estimation and Interval Observer Design
- Parameter Identification
- Fault Detection and Diagnosis, Uncertainty Modeling and Fault Tolerant Systems
- Stability, Reachability, Observability
- Verified Solution of Algebraic and Dynamic System Models
- Verified Numerics, Scientific Computing and Reliable Software Design
- Applications of interval methods, verified numerics, and related set-membership techniques to robotics and mobile systems

### Abstract Submission

Abstract submission and Registration are managed through INIDICO:

<https://konferenz.uni-hannover.de/e/swim2022>

Please submit a 2-page abstract prepared according to the LaTeX style file provided at the INDICO page. To ensure the visibility of our workshop, peer-reviewed full papers of accepted and presented abstracts will be collected and published after SWIM as a Special Issue of the Scopus-indexed journal Acta Cybernetica.

### Important Dates

- May 25, 2022: Abstract Submission Deadline
- June 20, 2022: Registration Deadline
- July 19—21, 2022: SWIM 2022

### General Chairs

- Prof. Dr.-Ing. Steffen Schön, Leibniz University Hannover, Germany
- Prof. Dr.-Ing. Andreas Rauh, Carl von Ossietzky Universität Oldenburg, Germany

### Program Committee

- Prof. Luc Jaulin, ENSTA Bretagne, France
- Prof. Nacim Ramdani, Université d'Orléans, France
- Prof. Tarek Raissi, CNAM Paris, France
- Assoc. Prof. Zhenhua Wang, Harbin Institute of Technology, China

### Organization & Contact

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