



# The 8th IFAC International Conference on Analysis and Design of Hybrid Systems ADHS 2024

## Important dates

Invited Session proposal: **December 15, 2023**

Paper submission: **December 22, 2023**

NAHS dissemination papers: **February 1, 2024**

Author notification: **Late February 2024**

Conference: **July 1-3, 2024**

## Organizing committees

### General chair

Majid Zamani (University of Colorado Boulder, USA)

### Program chairs

Pavithra Prabhakar (Kansas State University, USA)

Luca Zaccarian (LAAS-CNRS and University of Trento, France)

### Publicity Chair

Abolfazl Lavaei (Newcastle University, UK)

### Repeatability Chair

Chuchu Fan (MIT, USA)

Abraham P. Vinod (Mitsubishi Electric Research Laboratories, USA)

### Web Chair

Mahmoud Khaled (Argo AI, Germany)

## Invitation

Contributions are invited in all areas pertaining to the engineering of hybrid systems including: modelling, specification, verification, analysis, control synthesis, simulation, validation, and implementation. We solicit papers and invited session proposals describing theoretical or applied research in the area. We also welcome papers describing tools, reporting case studies or connecting the cognate fields of control theory and formal verification.

Contributions are encouraged on applications of hybrid methods in various fields, such as automotive, avionics, energy and power, mobile and autonomous robotics, the process and manufacture industry, transportation and infrastructure networks, communication networks and networked control systems, cyber-physical systems, safety-critical systems, systems and synthetic biology.

### Special issue of extended ADHS conference papers in NAHS:

In line with the longstanding tradition of previous ADHS conferences, a special ADHS issue will be featured in NAHS for this event. This collection will consist of papers selected by the IPC chairs, who will serve as guest editors for NAHS.

### NAHS dissemination papers:

Authors of journal papers that have been recently accepted or published in NAHS will receive invitations to submit a 1-2 page extended abstract. By submitting the extended abstract, authors are confirming their commitment to presenting their work in person during the conference in Boulder.

#### Learn more:

[colorado.edu/conference/adhs2024/](https://colorado.edu/conference/adhs2024/)

For any questions, please send an email to [adhs2024@colorado.edu](mailto:adhs2024@colorado.edu)

