

International Workshop on Methods and Tools for Distributed Hybrid Systems

Aalborg, Denmark, 25-26 August 2017
Associated with MFCS 2017



The purpose of DHS is to connect researchers working in *real-time* systems, *hybrid* systems, *control* theory, *distributed* computing, and *concurrency*, in order to advance the subject of **distributed hybrid systems**.

Distributed hybrid systems, or distributed *cyber-physical* systems, are abundant. Many of them are safety-critical, but ensuring their correct functioning is very difficult. We believe that new techniques are needed for the analysis and validation of DHS. More precisely, we believe that convergence and interaction of methods and tools from different areas of *computer science*, *engineering*, and *mathematics* is needed in order to advance the subject.

This first edition of the DHS workshop aims at gathering researchers which work in the above areas in order to facilitate collaboration and discuss how the subject may advance.

Call for Contributions

We are calling for contributions presenting original, unfinished, already published, or otherwise interesting work which can highlight how the above research topics may interact in order to advance the subject of distributed hybrid systems. The proceedings of DHS will be published as an issue of EPTCS.

Submissions

Submissions to DHS can be of two kinds:

- Regular papers, containing original contributions presenting hitherto unpublished work. If accepted, these papers will be published in the EPTCS workshop proceedings.
- Extended abstracts of work-in-progress, of work already published or submitted elsewhere, position papers, or otherwise interesting work. Extended abstracts will not be published in the workshop proceedings.

Both types of submissions will be carefully evaluated by the program committee. The (soft) page limit for both types of submissions is 20.

Invited Speakers



Martin Fränzle

C. v. Ossietzky Universität Oldenburg
Germany

Kim G. Larsen
Aalborg Universitet
Denmark



Martin Raussen
Aalborg Universitet
Denmark



Rafael Wisniewski

Aalborg Universitet
Denmark

Program Committee: Christel Baier, Alexandre Chapoutot, **Uli Fahrenberg** (chair), Lisbeth Fajstrup, Sebastian Gerwinn, Éric Goubault, Christian Johansen, Frédéric Mallet, Mohammad Reza Mousavi, Ulrik Nyman, Adina Panchea, Karin Quaas, Christoffer Sloth

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Deadline

Paper submission: 20 June 2017

Notification: 15 July 2017

<http://dhs.gforge.inria.fr/>