Second International Workshop on
Methods and Tools for Distributed Hybrid Systems

LIX, École polytechnique, Palaiseau, 4 July 2018

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.

The first DHS workshop was held in Aalborg, Denmark, in August 2017, featuring invited talks by Alessandro Abate, Martin Fränzle, Kim G. Larsen, Martin Raussen, and Rafael Wisniewski. This second edition aims to continue the conversation.

Call for Short Contributions

We are calling for presentations of original, unfinished, already published, or otherwise interesting work which can highlight how the research topics of DHS may interact in order to advance the subject of distributed hybrid systems. Note that DHS 2018 will have no formal proceedings.

Deadlines

Submission of contributions: 10 June 2018
Registration: 20 June 2018

Organization

Uli Fahrenberg, École polytechnique
Alessandro Abate, Oxford University

Invited Speakers

Luc Jaulin
ENSTA Bretagne, Brest
France

Dmitry Kozlov
Universität Bremen
Germany

Thao Dang
Verimag, Grenoble
France

Lisbeth Fajstrup
Aalborg Universitet
Denmark

Emmanuel Ledinot
Dassault Aviation
France

Eric Goubault
École polytechnique
France

André Platzer
Carnegie Mellon University
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