

# 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

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

### 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  
United States

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Aalborg, Denmark

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