3rd International Workshop on
Applied Verification for Continuous and Hybrid Systems
CPSWeek 2016, Vienna, Austria, April 11-14, 2016

The workshop on **a**pplied ve**r**ification for **c**ontinuous and **h**ybrid systems (ARCH) brings together researchers and practitioners, and establishes a curated set of benchmarks submitted by academia and industry.

Call for Submissions (Benchmark proposals, tool presentations, benchmark results, experience reports)

Verification of continuous and hybrid systems is increasing in importance due to new cyber-physical systems that are safety- or operation-critical. This workshop addresses verification techniques for continuous and hybrid systems with a special focus on the transfer from theory to practice. Topics include, but are not limited to

- Proposals for new benchmark problems (not necessarily yet solvable)
- Tool presentations
- Tool executions and evaluations based on ARCH benchmarks
- Experience reports including open issues for industrial success

Submission Guidelines

Submissions consist of papers of ideally 3-8 pages (pdf) and optional files (e.g. models or traces) submitted through the ARCH'16 EasyChair web site (`http://www.easychair.org/conferences/?conf=arch16`). Authors have to use the EasyChair template (`http://www.easychair.org/publications/for_authors`).The extended abstract should be classified in its title as *benchmark proposal*, *tool presentation*, *benchmark results*, or *experience report*. Submissions receive at least 3 anonymous reviews, including one from industry and one from academia. Details on the evaluation criteria can be found at `http://cps-vo.org/group/ARCH/CallForSubmissions`.

Submission deadline:	February 15, 2016
Notification:	March 7, 2016
Final Version:	March 31, 2016
Workshop:	April 11, 2016
Website:	`http://cps-vo.org/group/ARCH` (includes forums, archive, wiki, etc.)

Prize

The paper with the most promising benchmark results receives a prize of 500 Euros sponsored by Robert Bosch GmbH, Germany. The winner is preselected by the program committee and determined by an audience voting.

Organizers

Program chairs:	**Matthias Althoff**, Technische Universität München, Germany
	Goran Frehse, UJF-Verimag, France
Publicity chair:	**Sergiy Bogomolov**, Institute of Science and Technology Austria, Austria
Evaluation chair:	**Taylor T. Johnson**, University of Texas at Arlington, USA

Program Committee

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