CfP: GandALF 2017 - International Symposium on Games, Automata, Logics, and Formal Verification

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PRELIMINARY CALL FOR PAPERS

The Eighth International Symposium on Games, Automata, Logics, and Formal Verification (GandALF 2017)

Rome (Italy) | 20-21-22 September 2017 | http://gandalf2017.istc.cnr.it

The aim of GandALF 2017 symposium is to bring together researchers from academia and industry which are actively working in the fields of Games, Automata, Logics, and Formal Verification. The idea is to cover an ample spectrum of themes, ranging from theory to applications, and stimulate cross-fertilization.

Papers focused on formal methods are especially welcome. Authors are invited to submit original research or tool papers on all relevant topics in these areas. Papers discussing new ideas that are at an early stage of development are also welcome. The topics covered by the conference include, but are not limited to, the following:

- Automata Theory
- Automated Deduction
- Computational aspects of Game Theory
- Concurrency and Distributed computation
- Decision Procedures
- Deductive, Compositional, and Abstraction Techniques for Verification
- Finite Model Theory
- First-order and Higher-order Logics
- Formal Languages
- Formal Methods for Systems Biology, Hybrid, Embedded, and Mobile Systems
- Games and Automata for Verification
- Game Semantics
- Logical aspects of Computational Complexity
- Logics of Programs
• Modal and Temporal Logics
• Model Checking
• Models of Reactive and Real-Time Systems
• Program Analysis and Software Verification
• Run-time Verification and Testing
• Specification and Verification of Finite and Infinite-state Systems
• Synthesis

IMPORTANT DATES

• Abstract submission: May 19, 2017
• Paper submission: May 26, 2017
• Notification: July 7, 2017
• Camera-ready: July 31, 2017
• Conference: Sept. 20-22, 2017

PUBLICATIONS

The proceedings will be published by Electronic Proceedings in Theoretical Computer Science. Authors of the best papers will be invited to submit a revised version of their work to a special issue of a journal (in progress). The previous editions of GandALF already led to special issues of the International Journal of Foundations of Computer Science (GandALF 2010), Theoretical Computer Science (GandALF 2011 and 2012), Information and Computation (GandALF 2013, 2014, and 2016, the latter one still in progress), and Acta Informatica (GandALF 2015).

SUBMISSIONS

Submitted papers should not exceed fourteen (14) pages using EPTCS format (please use the LaTeX style provided at http://style.eptcs.org), be unpublished and contain original research. For papers reporting experimental results, authors are encouraged to make their data available with their submission. Submissions must be in PDF or PS format and will be handled via the EasyChair Conference system at the following address: https://www.easychair.org/conferences/?conf=gandalf2017

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CfP - Recent Advances in the Dependability Assessment of Complex Systems (RADIANCE) SAFECOMP17 Extended Deadline ?