GandALF 2011

Second International Symposium on Games, Automata, Logics, and Formal Verification
Minori, Amalfi Coast, Italy, June 15-17, 2011

CALL FOR PAPERS (EXTENDED DEADLINE)

General Chair
Angelo Montanari (ITALY)

Program Chairs
Giovanna D'Agostino (ITALY)
Salvatore La Torre (ITALY)

Program Committee
Krishnendu Chatterjee (AUSTRIA)
Swarat Chaudhuri (USA)
Giorgio Delzanno (ITALY)
Javier Esparza (GERMANY)
Eric Grädel (GERMANY)
Neil Immerman (USA)
Wojtek Jamroga (LUXEMBOURG)
Vineet Kahlon (USA)
Martin Leucker (GERMANY)
Jerzy Marcinkowski (POLAND)
Aniello Murano (ITALY)
Mimmo Parente (ITALY)
Gabriele Puppis (UK)
Alexander Rabinovich (ISRAEL)
Jean-François Raskin (BELGIUM)
Colin Stirling (UK)
Tayssir Touili (FRANCE)
Yde Venema (HOLLAND)
Bow-Yaw Wang (CHINA)
Igor Walukiewicz (FRANCE)

Organizing Committee
Marco Faella, chair (ITALY)
Ciro D'Aniello (ITALY)
Ilaria De Crescenzo (ITALY)
Dario Della Monica (ITALY)
Barbara Di Giampaolo (ITALY)
Stefano Minopoli (ITALY)

Steering Committee
Mikolaj Bojanczyk (POLAND)
Javier Esparza (GERMANY)
Angelo Montanari (ITALY)
Margherita Napoli (ITALY)
Mimmo Parente (ITALY)
Wolfgang Thomas (GERMANY)
Wieslaw Zielonka (FRANCE)

Advisory Board
Stefano Crespi Reghizzi (ITALY)
Jozef Gruska (CZECH REPUBLIK)
Oscar H. Ibarra (USA)
Andrea Maggiolo-Schettini (ITALY)

Objectives
The aim of the 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 concrete applications, and to stimulate cross-fertilization. Papers focused on formal methods are especially welcome. Authors are invited to submit original research or tool papers on any relevant topic in these areas. Papers discussing new ideas that are at an early stage of development are also welcome.

Indicative list of topics
The topics covered by the conference include, but are not limited to, the following:
Automata Theory
Automated Deduction
Logical aspects of Computational Complexity
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 Complex Systems (e.g., Interactive Systems, Systems Biology)
Games and Automata for Verification
Game Semantics
Game Theory
Hybrid, Embedded, and Mobile Systems Verification
Logics of Programs
Modal and Temporal Logics
Model Checking
Models of Reactive and Real-Time Systems
Program Analysis and Software Verification
Specification and Verification of Finite and Infinite-state Systems
Synthesis and Execution

Paper Submission
Submitted papers should not exceed fourteen (14) pages using EPTCS format, 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 **EasyChair**.

Important Dates
Abstract submission	March 23, 2011
Paper submission	March 28, 2011
Acceptance notification	April 29, 2011
Final version	May 15, 2011
Conference	June 15-17, 2011

Invited Speakers
Thomas Colcombet (CNRS, Paris FRANCE)
Erich Grädel (RWTH Aachen University, GERMANY)
Moshe Vardi (Rice University, Houston USA)

Proceedings
The proceedings will be published by Electronic Proceedings in Theoretical Computer Science. A special issue of a major international journal to publish an extended and revised version of the best symposium papers is also under consideration. Revised versions of the selected papers from the last GandALF (GandALF 2010) will be published as a special issue of the International Journal of Foundation of Computer Science (http://www.cs.ucsb.edu/ ijfcs/).

Info
Please visit the conference website (**http://gandalf.dia.unisa.it**) for more information.