



## Call For Contributions

# 2nd International Workshop on STRATEGIC REASONING (SR 2014)

April 5-6, 2014, Grenoble, France

<http://www.strategicreasoning.net>

### Important Dates

November 1st, 2013: Submission opening  
December 27th, 2013: Abstract submission  
December 30th, 2013: Contribution submission  
January 30th, 2014: Acceptance notification  
February 10th, 2014: Camera-ready version  
April 5th-6th, 2014: SR 2014 workshop

### Invited Speakers

Thomas A. Henzinger, IST Austria  
Wiebe van der Hoek, University of Liverpool  
Alessio R. Lomuscio, Imperial College London  
Wolfgang Thomas, RWTH Aachen

### General Chair

Moshe Y. Vardi, Rice University

### Program Co-Chairs

Fabio Mogavero, Università di Napoli Federico II  
Aniello Murano, Università di Napoli Federico II

### Program Committee

Natasha Alechina, University of Nottingham  
Thomas Ågotnes, University of Bergen  
Nils Bulling, Clausthal University of Technology  
Krishnendu Chatterjee, IST Austria  
Wojtek Jamroga, University of Luxembourg  
François Laroussinie, Université Paris Diderot  
Christof Löding, RWTH Aachen  
Emiliano Lorini, Université Paul Sabatier  
John-Jules C. Meyer, Utrecht University  
Eric Pacuit, University of Maryland  
Wojciech Penczek, Polish Academy of Sciences  
Sophie Pinchinat, University of Rennes  
Jean-Francois Raskin, Université Libre de Bruxelles  
Francesca Rossi, Università di Padova  
Toby Walsh, University of New South Wales  
Michael Wooldridge, University of Oxford

### Organizing Committee

Fabio Mogavero, Università di Napoli Federico II  
Aniello Murano, Università di Napoli Federico II  
Loredana Sorrentino, Università di Napoli Federico II

### Sponsorships

SR 2014 is partially supported by the Dipartimento di Ingegneria Elettrica e Tecnologie dell'Informazione of the Università degli Studi di Napoli Federico II.

### Objective

Strategic reasoning is one of the most active research area in multi-agent system domain. The literature in this field is extensive and provides a plethora of logics for modeling strategic ability. Theoretical results are now being used in many domains, including software tools for information system security, robot teams with sophisticated adaptive strategies, and automatic players capable of beating expert human adversary, just to cite a few. All these examples share the challenge of developing novel theories and tools for agent strategies that take into account the likely behavior of adversaries.

The SR international workshop aims to bring together researchers working on different aspects of strategic reasoning in computer science, both from a theoretical and a practical point of view.

### List of Topics

The topics covered by the workshop include, but are not limited to, the following: logics for reasoning about strategic abilities; logics for multi-agent mechanism design, verification, and synthesis; logical foundations of decision theory for multi-agent systems; strategic reasoning in formal verification; automata theory for strategy synthesis; strategic reasoning under perfect and imperfect information; applications and tools for cooperative and adversarial reasoning; robust planning and optimization in multi-agent systems; risk and uncertainty in multi-agent systems; quantitative aspects in strategic reasonings.

### Co-Located Event

SR 2014 is a satellite workshop of ETAPS 2014, which will be held in Grenoble, France, on April 5th-6th, 2014.

### Contribution Submission

Submitted contributions should not exceed five pages using the EPTCS format. If necessary, the work may be supplemented with a clearly marked appendix, which will be consulted at the discretion of the program committee. Submissions must be in PDF format and will be handled via EasyChair.

Two types of submission are invited:

- contributions reporting on novel research;
- expository contributions reporting on published work.

Each submission should be clearly identified as belonging to one category or the other. In both categories, strong preference will be given to contributions whose topic is of interest to an interdisciplinary audience and all contributions should be written so that they are accessible to such an audience.

Novel research abstracts will be held to the usual high standards of novel research publications. In particular, they should (1) contain enough information to enable the program committee to identify the main contribution of the work, (2) explain the significance of the work, its novelty, and its practical or theoretical implications, and (3) include comparisons with and references to relevant literature.

Expository abstracts, which will be held to similarly high standards, may survey an area or report on a more specific previously published work.

Submissions should make clear the relevance to the strategic reasoning audience.

Contributions accepted for presentation (in both categories) will be collected as an EPTCS volume. Submissions from PC members are also allowed. Note that, as we accept short contributions, extended versions of the accepted works could be also submitted elsewhere.

### Proceedings

The workshop proceedings will be published as a volume of the Electronic Proceedings in Theoretical Computer Science (EPTCS). An extended and revised version of the best workshop contributions of last edition have been selected for a special issue to appear on the international journal of Information and Computation. For the current edition, we plan to do the same and anyway to have a special issue on one of the major international journals of the area.