Fourth International Workshop on Computational Social Choice
Kraków, Poland, September 11–13, 2012

Invited Speakers/Tutorials

Michel Le Breton
Rolf Niedermeier
Clemens Puppe
Craig A. Tovey
Gerhard J. Woeginger

Program Committee

Craig Boutilier
Felix Brandt (*co-chair*)
Edith Elkind
Ulle Endriss
Piotr Faliszewski (*co-chair*)
Bettina Klaus
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Christian List
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Ariel Procaccia
Jeffrey S. Rosenschein
Jörg Rothe
Tuomas Sandholm
Michael Trick
Virginia Vassilevska-Williams
Toby Walsh
Michael Wooldridge
Lirong Xia
Makoto Yokoo
William S. Zwicker

Important Dates

Paper submission deadline:
    May 25, 2012
Notification of authors:
    June 25, 2012
Camera-ready copies due:
    July 10, 2012
Early registration deadline:
    July 20, 2012
Workshop dates:
    September 11–13, 2012

Contact

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About COMSOC-2012 . . .

Computational social choice is a new discipline emerging at the interface of social choice theory and computer science. It is concerned with the application of computational techniques to the study of social choice mechanisms, and with the integration of social choice paradigms into computing.

The Fourth International Workshop on Computational Social Choice (COMSOC-2012) will take place September 11–13, 2012, in Kraków, Poland. The aim of the workshop is to bring together different communities: computer scientists interested in computational issues in social choice; people working in artificial intelligence and multiagent systems who are using ideas from social choice to organize societies of artificial software agents; logicians interested in the logic-based specification and analysis of social procedures; computer science theorists analyzing algorithmic properties of social phenomena; and last but not least, people coming from social choice theory itself.

Call for Papers

Submissions of papers describing original or recently published work on all aspects of computational social choice are invited. Topics of interest include, but are not limited to:

complexity-theoretic analysis of voting procedures | computational aspects of fair division | computational aspects of matching problems | multiagent resource allocation | cake-cutting algorithms | distributed negotiation in multiagent systems | preference representation in combinatorial domains | computational aspects of preference aggregation rules | preference elicitation | social choice and constraint programming | social choice and the web: ranking systems | social networks | belief and judgement aggregation | algorithmic game theory | computational aspects of coalition formation | cooperative game theory | social choice under uncertainty | logics for collective decision making | logic-based verification of social procedures | communication complexity of social choice mechanisms | computational issues in mechanism design

Paper submission will be electronic via the workshop website. Accepted papers will be collected in informal workshop notes, printed copies of which will be available at the workshop.

A full Call for Papers is available at the COMSOC-2012 website: http://www.ki.agh.edu.pl/COMSOC-2012/