

CROCS-09: First International Workshop on Constraint Reasoning and Optimization for Computational Sustainability

<http://www.computational-sustainability.org/crocs09>

September 20, 2009

Lisbon, Portugal

Important Dates

Submission deadline: **August 9**

Notification: August 21, 2009

Workshop: September 20, 2009

Organization

Workshop Chairs

Philippe Baptiste, Ecole Polytech LIX

Carla P. Gomes, Cornell University

Youssef Hamadi, Microsoft Research

Ashish Sabharwal, Cornell University

Program Committee

Philippe Baptiste

Roberto Battiti

Peter van Beek

Ramon Bejar

Lucas Bordeaux

Carla P. Gomes

Youssef Hamadi

William S. Havens

Pascal Van Hentenryck

Willem-Jan van Hoeve

Holger Hoos

Morten Irgens

Alan Mackworth

Gregory M. Provan

Ashish Sabharwal

Bart Selman

Michael Trick

Toby Walsh

Submission

Please send a PDF file by email to crocs09@computational-sustainability.org.

Contact Information

For questions or comments, please contact the workshop chairs or email crocs09@computational-sustainability.org.

To be held **in conjunction with CP-09**, the 15th International Conference on Principles and Practice of Constraint Programming.

Computational Sustainability is a newly emerging interdisciplinary field that aims to apply techniques from computer science, information science, operations research, applied mathematics, and statistics for balancing environmental, economic, and societal needs for sustainable development. The main focus is on developing computational and mathematical models, methods, and tools for decision making concerning the management and allocation of resources in order to help solve some of the most challenging problems related to sustainability.

The goal of this half-day workshop is to bring together researchers interested in applying advanced computational methods as a tool to solve these large scale problems. The workshop aims to facilitate the exchange of ideas, presentation of recent or preliminary results, and discussion of promising directions for the use of computational methods to tackle a variety of challenging sustainability problems. While the main focus of this workshop will be on computational methods related to constraint programming (CP) and constraint optimization, we also encourage submissions in other computational areas and techniques relevant to sustainability problems.

The workshop will be organized as a hybrid of a traditional workshop and a birds-of-a-feather event, with a mix of short and long talks, invited speakers, as well as discussion sessions. We solicit:

- *Regular papers* (new, preliminary, or recently published results)
- *Abstracts* (up to 2 pages)
- *Proposals for leading a discussion topic*

For details, please visit:

<http://www.computational-sustainability.org/crocs09>

Sponsored by the Institute for Computational Sustainability (ICS) and Microsoft Research.



Microsoft
Research

