

# Workshop: CROCS at CPAIOR-10

## 2nd International Workshop on Constraint Reasoning and Optimization for Computational Sustainability

June 15, 2010  
Bologna, Italy

### Important Dates

Submission deadline: **April 2 (Fri)**  
Notification: April 17, 2010  
Workshop: June 15, 2010

### Workshop Organizers

Carla P. Gomes (co-chair, Cornell)  
Ashish Sabharwal (co-chair, Cornell)  
  
Ramon Bejar (U. of Leida)  
Lucas Bordeaux (MSR Cambridge)  
Youssef Hamadi (MSR Cambridge)  
Pascal Van Hentenryck (Brown U.)  
Willem-Jan van Hoeve (CMU)  
Holger Hoos (UBC)  
Morten Irgens (GUC)  
Andreas Krause (Caltech)  
Kevin Leyton-Brown (UBC)  
Alan Mackworth (UBC)  
Michela Milano (U. of Bologna)  
Barry O'Sullivan (4C & UCC)  
Meinolf Sellmann (Brown U.)  
Bart Selman (Cornell U.)  
Michael Trick (CMU)  
Toby Walsh (NICTA & UNSW)

### Submission

Please send a PDF file by email to [crocs-at-cpaior10@computational-sustainability.org](mailto:crocs-at-cpaior10@computational-sustainability.org).

### Attendance, Registration

The workshop will be open to everyone. However, attendees must follow registration requirements of CPAIOR-10.

### Contact Information

For questions or comments, please contact the workshop chairs or email [crocs-at-cpaior10@computational-sustainability.org](mailto:crocs-at-cpaior10@computational-sustainability.org).

To be held **in conjunction with CPAIOR-10**, the 7th International Conference on Integration of Artificial Intelligence (AI) and Operations Research (OR) Techniques in 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 workshop is to bring together interested researchers in order 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/crocs-at-cpaior10>

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Sponsored by the Institute for Computational Sustainability (ICS),  
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