
Long Beach, California USA
March 26th, 2007

The 1st TOPMoDRS workshop is a half-day session held at the International Parallel and Distributed Processing Symposium (IPDPS 2007). The workshop focuses on tools and programming models for designing reliable systems with a special focus on distributed applications. The main goal of the workshop is to bring researchers and practitioners together in a setting where they can discuss interesting research topics, like:

- novel architectures to build reliable distributed systems,
- the design and implementation of new tools, techniques, programming languages, and compilers to increase the reliability of distributed systems,
- bug finding and debugging tools for distributed applications, and
- new developments in formal verification of distributed environments.

The TOPMoDRS 2007 session is composed of five refereed papers selected from fourteen submissions. The chair of TOPMoDRS wants to thank the members of the program committee for taking the time to contribute their reviews during the holiday season.

The set of topics covered by the papers accepted at TOPMoDRS showed a significant overlap with the interests of the High-Level Parallel Programming Models and Supportive Environments (HIPS) workshop at IPDPS. Therefore, the chair of the HIPS workshop, Professor Chen Ding from University of Rochester, kindly accepted to merge the two workshops to increase the visibility of the TOPMoDRS papers and to give the authors the opportunity to present their work to a wider audience. The TOPMoDRS papers will be presented as the last session of the HIPS-TOPMoDRS workshop.

The chair also wishes to thank Alan Sussman, the workshop chair of IPDPS, for his valuable advice and for his assistance with the organization of the workshop.

Organizer and Program Chair

- Cristian Tăpuş
  California Institute of Technology (Caltech) and the Center for Advanced Computing Research, USA

Technical Program Committee

- Jason Hickey, Caltech, USA
- Ranjit Jhala, University of California, San Diego, USA
- Joe Kiniry, University College Dublin, Ireland
- Sorin Lerner, University of California, San Diego, USA
- Nenad Medvidovic, University of Southern California, USA
- Christine Morin, INRIA, France
- Cristina Nita-Rotaru, Purdue University, USA
- Aleksey Nogin, HRL Laboratories, USA
- Nicolae Tapus, “Politehnica” University of Bucharest, Romania
- Yuval Tamir, University of California, Los Angeles (UCLA), USA

Other Reviewers

- Israel Hsu, UCLA, USA
- Michael Le, UCLA, USA

Cristian Tăpuş
TOPMoDRS 2007 Chair
Pasadena, California, USA
January 22nd, 2007