

# Greetings from the Program Chair



This was a special year in the life of the *International Parallel and Distributed Processing Symposium (IPDPS)*. We received a record number of submissions, 531 — almost 100 more than the previous record and close to 200 more than in a recent “typical” year. Of these submissions, 16 were ruled “out of scope;” all others received the careful scrutiny of at least three reviewers. Based on these reviews, 125 papers were accepted for presentation at the conference. On behalf of the entire Organizing Committee, it is my pleasure to congratulate the authors of these 125 papers, while thanking the authors of all 531 submissions for submitting their research to *IPDPS* this year. The overall quality of the submissions raised the bar for the entire conference.

Special congratulations are in order for the authors of the four Best-Paper Award winning submissions:

- to Yaacov Fernandess and Dahlia Malkhi, for “On Collaborative Content Distribution Using Multi-Message Gossip” (Algorithms Track);
- to Anantharaman Kalyanaraman, Scott Emrich, Patrick Schnable, and Srinivas Aluru for “Assembling Genomes on Large-Scale Parallel Computers” (Applications Track);
- to Resit Sendag, Ayse Yilmazer, Joshua Yi, and Augustus Uht for “Quantifying and Reducing the Effects of Wrong-Path Memory References in Cache-Coherent Multiprocessor Systems” (Architecture Track);
- to Thomas Hart, Paul McKenney, and Angela Demke Brown for “Making Lockless Synchronization Fast: Performance Implications of Memory Reclamation” (Software Track).

These papers appear in a dedicated plenary session.

It is both an honor and a pleasure to thank our four Keynote speakers, William Dally, Manish Gupta, Yves Robert, and Horst Simon, for their important contributions to the intellectual excitement at *IPDPS'06*.

There is no space in this message for individually acknowledging all those who have made this Conference happen, so let me address them in groups. I have already thanked all of the authors who, by submitting their research, supplied the raw material for our excellent program. It is a real pleasure to thank the multitude of reviewers — both the official ones on the Program Committee and the unofficial ones whose help was enlisted for specific papers — who provided the perspectives and insights that allowed us to select the 125 accepted papers from among the 531 submissions. Their names appear elsewhere in the Proceedings.

The debt we all owe to the four Vice Chairs of the Program Committee, Mike Atallah (Algorithms Track), David Bader (Applications Track), Allan Gottlieb (Architecture Track), and Laxmikant (Sanjay) Kale (Software Track), transcends the expressive power of words. Faced with an unprecedented workload, these folks did an unbelievable job of coordinating and coaxing, encouraging and exhorting, that culminated in a 17-hour marathon Program Committee meeting during which the Program was selected. It was both an honor and a privilege to work with these diligent, dedicated professionals.

I extend warm thanks to H.J. Siegel and Paul Spirakis, our General Chairs, and to Viktor Prasanna, Co-Chair of our Steering Committee, for wise counsel on a broad range of issues—and for inviting me to serve as this year’s program chair.

Last, but certainly not least, it is an unmitigated pleasure to thank the many people who made our work on the Program Committee easier in so many ways. I want to single out Sally Westrom of the *IPDPS* Organizing Committee, for guidance and help on myriad issues, and Xiaotao Wu of Columbia, for innumerable hints on how to navigate the EDAS System.

I wish you all a very productive conference, and a memorable stay on the beautiful Isle of Rhodes.

**IPDPS 2006 Program Chair**

Arnold L. Rosenberg

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