Message from the General Co-chairs

It is our great pleasure to welcome you to IPDPS 2013, in Boston, Massachusetts. We hope that in addition to your participation in the fine technical program that has been assembled, you will have opportunities to visit with colleagues at the many nearby colleges, universities, research laboratories, and companies. Boston is also the home to numerous museums, historic landmarks, cultural centers, and a great diversity of dining and entertainment opportunities that we encourage you to find time to enjoy.

The excellent conference program this year, consisting of 108 papers in 27 sessions, plus three keynote presentations and a panel, is the result of tremendous efforts by our Program Chair, Sanjay Ranka, and his Program Vice-Chairs, Frédéric Vivien (Algorithms), Assaf Schuster (Applications), David Kaeli (Architecture), and David Padua (Software). To sift the large number of submissions, they formed a program committee of 248 of the top researchers in the field. These numbers reflect both the growing significance of parallel and distributed computing research, and the increased importance that IPDPS, with its emphasis on building community, plays in the field. The proceedings you are now examining were coordinated by Xin Yuan.

Once again, our Workshops Chair, Ümit V. Çatalyürek, has assembled a wide ranging set of 22 mini-conferences within the conference. These represent the other half of the technical content of the meeting, and are made possible by a small army of organizers and program committee members. It takes a special kind of person to diplomatically but firmly guide so many teams through the production process.

Beyond the primary technical program, IPDPS includes a PhD forum that is meant to introduce promising new researchers to our community, this year facilitated by Luc Bougé and Bo Hong, together with their program committee. In many cases, student attendance in Boston was made possible by travel grants arranged by Manish Parashar in conjunction with the meeting sponsor, the Technical Committee on Parallel Processing chaired by Ajay Gupta. Thank you all for the support given to encourage student participation in the conference.
Our publicity chair, Michela Taufer, and her vice chairs, Francesco Silvestri (Europe), Yinglong Xia (USA), and Yanmin Zhu, (Pacific Asia) were responsible for getting the word out to attract the many submissions and draw participation in the conference. Ayse Coskun helped encourage local participation, especially by companies.

IPDPS runs so smoothly because of a small, highly dedicated group of volunteers who manage the major logistics. Bill Pitts (Finance Chair), Susamma Barua and Hongzi Zhu (Local Arrangements Chairs), Sally Jelinek (Production Chair), Viktor Prasanna and George Westrom (Steering Co-Chairs) are the heart of the IPDPS organization.

To all of these hard-working volunteers, and to you for your participation, we offer our heartfelt thanks!

IPDPS 2013 General Co-chairs

Martin Herbordt
Boston University

Charles (Chip) Weems
University of Massachusetts at Amherst