

Message from the CCGrid 2014 General Co-Chairs

It is our great pleasure to welcome you to the 14th IEEE/ACM International Symposium on Cluster, Cloud and Grid Computing (CCGrid 2014) and to the great global city of Chicago. CCGrid is a forum for all distributed computing technologies and for all technology stakeholders. The inaugural CCGrid conference was held in Brisbane, Australia, in 2001. Three years later, in 2004, it was held in Chicago. Ten years have passed since then. In 2004, Chicago was a leader in Grid computing. Today, it is a center of Cloud technology innovations. CCGrid 2014 is just like the city of Chicago, having naturally blended and mixed with the historical glories and modern stallers into its unique identity. Come and join us to meet preeminent computer scientists, leading creators of Grid and Cluster technologies, and new shining stars, the significant contributors of today's Cloud and big data management advances. We promise you a memorable experience unequalled at other conferences.

Late May is the perfect time to visit Chicago. Flowers are booming, fountains are sprinkling, and sail boats are in the bay; but most of the summer tours are not in yet. The conference hotel, the Hyatt Regency Chicago, is in an ideal location. It is one block off The Magnificent Mile and near Millennium Park, Lake Michigan, and the Chicago River. Even you do not do shopping, simply walking along Michigan Ave or the Chicago River, in the day time or in the evening, is a pleasure. Plus the special hotel rate for CCGrid attendees is very attractive. The conference banquet will be held on a lake cruise in the evening of Wednesday. That night Chicago will have a half hour long firework show on the lake. Of course, the most exciting part is the outstanding programs offered by CCGrid 2014. From Keynotes to Technical Papers, CCGrid14 has its first class programs in all categories. We heartily appreciate the committee members and volunteers who have put the wonderful programs together.

CCGrid 2014 features keynote talks, tutorials, workshops, poster sessions and demos, competition, student travel awards, panel, as well technical papers,. We are pleased to have Dr. Farnam Jahanian, the National Science Foundation Assistant Director for the Computer and Information Science and Engineering (CISE), to deliver the opening keynote. The keynote speaker of the second day, Prof. Ion Stoica, is a professor of Computer Science at University of California at Berkeley, and is known by his current research projects, Mesos and Spark. This year the prestigious *IEEE Medal for Excellence in Scalable Computing* award winner, Professor Yves Robert at Ecole Normale Supérieure de Lyon, is also a keynote speaker of CCGrid 2014. Prof Robert is authority in algorithm design and analysis.

CCGrid 2014 received 302 paper submissions from 40 countries. After administrative filtering, 283 papers received full reviews. In total, 1089 reviews were conducted and 54 papers were accepted, with an acceptance rate of 19% (54/283). There are eight workshops on Monday, May 26, 2014, and five concurrent tutorials in the afternoon of Thursday, May 29. Eight posters and two demos are selected for the poster session in the evening of Tuesday, May 27, and ten papers are accepted for the Doctoral Symposium program on Wednesday, May 28. The IEEE SCALE

challenge competition will be held live, with finalists judged by their demonstrations on Tuesday and the winner announced on Thursday. CCGrid 2014 has received generous sponsorship from the U.S. National Science Foundation and the IEEE Technical Committee on Scalable Computing to assist 17 students to attend this conference. A greeting and round-table session are also arranged for the student awardees.

The success of CCGrid 2014 is due to the dedicated efforts and high standards of numerous international volunteers. Our long thank you list starts with the two excellent Program Chairs: Kirk W. Cameron and Dimitrios S. Nikolopoulos, and the Program Committee. Special thanks to the Program Committee Area Chairs who braved the coldest Chicago day in decades to run the program committee meeting on January 27, 2014. We thank Workshops Co-Chairs Zhiling Lan and Matei Ripeanu, the chairs and PC committees of the various workshops, and our Publicity Chairs for getting the word out about the conference. We thank Tutorials Co-Chairs Kate Keahey and Radu Prodan, Poster and Research Demo Co-Chairs Borja Sotomayor and Hui Jin, Doctoral Symposium Chair Judy Qiu, the Student Awards Chair Yong Chen, and the SCALE Challenge Coordinator Douglas Thain. The Cyber Co-chairs, Ge Rong and Wei Tang, did a wonderful job with the conference website. Dr. Pavan Balaji, the Proceedings Chair, ensured the publication of the conference proceedings. We are especially grateful to the Local Organizing Chairs, Ioan Raicu and Kyle Chard, who did a tremendous job on innumerable tasks, from identifying the hotel to negotiating the price of the banquet. Thanks are also due to our sponsors, namely, IEEE, ACM, TCSC, and the organizational supporters at Illinois Institute of Technology and the University of Chicago. Ultimately, however, the success of the conference will be judged by the attendees' experience. We hope that the conference will provide you with a valuable opportunity to share ideas, communicate, learn, and network.

We wish everyone a successful, stimulating, and rewarding meeting and look forward to seeing you again at future CCGrid conferences.



Ian Foster
*University of Chicago and
Argonne National Laboratory*



Xian-He Sun
Illinois Institute of Technology