

Message from the ICAC '14 Program Co-Chairs

Welcome to Philadelphia, and to ICAC 2014, the 11th International Conference on Autonomic Computing! Since its inception, ICAC has attracted top quality papers in all areas of autonomic computing and continues to catalyze attention of researchers in this important area. This year's program includes a set of excellent contributions covering topics in model-driven management and self-adaptation, cloud-resource management, network and system management, scheduling and pricing, resource and workload management, and energy management in data centers.

As in past editions of the conference, the paper selection process was highly competitive. A total of 53 papers were submitted. All submissions were evaluated through a double-blind process. Papers were allocated four reviewers from program committee (PC) members not in conflict of interest with the authors. In some cases, additional reviews from experts outside the PC were solicited. The paper selection process culminated in the virtual PC meeting on April 7, 2014. Twelve full papers were selected for inclusion in the final program, leading to a competitive acceptance rate of 23%. Additionally, nine thought-provoking submissions were accepted as short papers, and two submissions were forwarded to the MDDBS and SCPS special tracks. Following this selection process, a best paper award has been awarded to the best-ranked paper, namely "Self-Tuning Intel Transactional Synchronization Extensions" co-authored by Nuno Diegues and Paolo Romano; we congratulate the authors for their achievement.

The two special tracks, MDDBS and SCPS, received in total 13 papers, 4 of which were accepted to each of the tracks, adding two additional sessions to the conference program. We also attempted to include both papers with mature results and thorough evaluations, as well as early-stage papers that propose new concepts/problems or reach into new areas. In addition, ICAC '14 will offer daily keynote speeches from Lucy Cherkasova, Ion Stoica, and Yuanyuan Zhou, a panel on Big Data Systems, and a joint poster session and reception with the USENIX Annual Technical Conference.

We are extremely grateful to the PC members and external reviewers for providing timely and thorough reviews, for exchanging a large volume of comments in the active online discussions and online PC meeting, and for their help in the shepherding process. We would also like to thank all the authors who submitted papers. Their efforts and enthusiasm are the true driving forces of ICAC.

We are very grateful to USENIX for sponsoring ICAC and hosting it as part of the Federated Conferences Week this year. The USENIX staff assisted us in a variety of tasks, including configuring and using the conference submission site, preparing the proceedings, advertising the conference, and last but not least, hosting the conference. Special thanks go to Xiaoyun Zhu, the general chair, and Jeff Kephart, the chair of the ICAC steering committee, for their constant help and support throughout the preparation of this edition of ICAC; the special track chairs for organizing MDDBS and SCPS; to Martina Maggio and Ming Zhao for their activity as publicity chairs; to Christopher Stewart for his continuous efforts in organizing the joint poster session with ATC; and to Diwakar Krishnamurthy for selecting an excellent tutorial program.

We hope that you will find this year's program stimulating and highly innovative. Enjoy!

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