

Letter from the General Chairs

Dear Conference Participants:

It is our pleasure to welcome you to Austin and to the Joint ACM/SPEC International Conference on Performance Engineering, ICPE 2015. ICPE is a merger of ACM's Workshop on Software and Performance (WOSP) and SPEC's International Performance Evaluation Workshop (SIPEW).

The focus of WOSP is in the intersection of software and performance, rather than one discipline in isolation. Since its inception in 1998, WOSP has brought together software engineers, developers, performance analysts and software performance engineers who are addressing the challenges of increasing system complexity, rapidly evolving software technologies, short time to market, incomplete documentation, and less-than-adequate methods, models and tools for developing, modeling, and measuring scalable, high-performance software.

SIPEW, which is part of the SPEC Benchmark Workshop Series, was established by the Standard Performance Evaluation Corporation (SPEC) with the goal to bridge the gap between theory and practice in the field of system performance evaluation, by offering a forum for sharing ideas and experiences between industry and academia. The workshop provides a platform for researchers and industry practitioners to share and present their experiences, discuss challenges, and report state-of-the-art and in-progress research in all aspects of performance evaluation including both hardware and software issues.

The ACM/SPEC International Conference on Performance Engineering (ICPE) brings together the WOSP and SIPEW communities building on their common interests and complementary nature. ACM's membership consists of individuals from academia, industry, and government worldwide. SPEC's membership consists of industrial organizations, universities and research institutes. We are continuing to bridge the two communities to build on each other's experience, energy, and expertise.

This year we have continued the tracks that have worked well in the past: the research track, an explicit industrial applications and experience track with a separate program committee, a work-in-progress and vision track, and demos and posters. We have also expanded the pre-conference Workshops and Tutorials.

Overall, 56 submissions were received in the main research and industrial tracks and there were over 116 submissions in all the tracks. The accepted papers cover a range of different topics in performance engineering with a good balance between theoretical and practical contributions from both industry and academia.

We would like to thank Catalina Lladó, Kai Sachs, and Herb Schwetman for chairing the research and industrial program committees; William Knottenbelt and Yaomin Chen for the demos and posters; Catia Trubiani for the tutorials; Marin Litoiu and J. Nelson Amaral for the workshops; and Zhibin Yu for trying to organize a new Ph.D. Workshop. We are grateful to these chairs and the many reviewers for putting together an excellent conference program. We would also like to thank all the other Chairs for their excellent assistance in organizing all the other aspects of the conference: Simona Bernardi - publications, Anoush Najarian - finance, Amy Spellmann and Andre van Hoorn - publicity and web site management, Ram Krishnan - registration, Andre Bondi and Paul Gratz - awards, and Nasr Ullah - local organization. Everyone brought a level of excellency and commitment to their job. We appreciate their hard work and commitment to

making ICPE a success. Thanks also to Dianne Rice from SPEC for providing administrative support, as well as to Diana Brantuas, April Mosqus, Stephanie Sabal, Adrienne Griscti and others at ACM Headquarters for their continuous support. Special thanks also to Lisa Tolles from the Sheridan Proceedings Service for processing the papers in a timely manner. Finally, we would like to acknowledge the support and guidance of the ICPE Steering Committee.

Last but not least, we thank our sponsors SPEC, ACM SIGMETRICS and ACM SIGSOFT, and our generous corporate supporter Oracle.

On behalf of the organizing committee, we welcome you to Austin. Thank you for joining us and we look forward to a mutually rewarding experience.

Lizy K. John

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