

Program Chairs' Welcome

This year is the 6th International Conference on Performance Engineering - ICPE'15, which grew out of the ACM Workshop on Software Performance (WOSP since 1998) and the SPEC International Performance Engineering Workshop (SIPEW since 2008), taking place in Austin. It is a great pleasure for us to offer an outstanding technical program, which we believe is reflecting the idea behind the ICPE - integrating theory and practice in the field of performance engineering.

Overall, we received 116 submissions across all tracks. The main research track attracted 56 submissions, each paper was reviewed by at least four reviewers and we finally accepted 15 high-quality submissions as full papers and three as short papers. The Industry and Experience Track received 18 submissions, of which 7 were selected for inclusion in the program. Further, the program committee selected 9 submissions for the Vision/Work-in-Progress track. Six tutorials and a poster & demo exhibition are completing the program. As in previous years, we decided to group the submissions according their topics, not the track they were submitted to. We believe that the exchange between industry and academia is fostered by presenting research and industry submissions together in the same session.

The program covers all traditional ICPE topics such as software performance engineering and benchmarking with a good balance between theoretical and practical contributions. Additionally, we saw an increasing number of submissions discussing how to apply performance engineering techniques in the context of big data, cloud and Internet of things. We are very proud to have two excellent keynote speakers as part of our program:

- Todd Austin, from University of Michigan, USA, talking about *Bridging the Moore's Law Performance Gap with Innovation Scaling*

and

- Adrian Cockcroft, from Battery Ventures, USA, talking about *Cloud Native Cost Optimization*.

There are three co-located workshops extending the program – the 4th International Workshop on Large-Scale Testing (LT 2015), the 1st Workshop on Performance Analysis of Big data Systems (PABS) and the 1st Workshop on Challenges in Performance Methods for Software Development (WOSP-C 2015).

We are confident that the program will provide you with many new ideas and encourage the discussion and exchange between the participants.

Kai Sachs

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