ICPE 2024 Companion Welcome Message

It is our pleasure to welcome you to the *15th ACM/SPEC International Conference on Performance Engineering (ICPE)*, hosted at Imperial College London in South Kensington, London, UK, from May 7-11, 2024.

The International Conference on Performance Engineering (ICPE) is the leading international forum for presenting and discussing novel ideas, innovations, trends and experiences in the field of performance engineering.

This companion volume collects papers from the following ICPE 2024 tracks.

The *Emerging Research* track has the goal to present and discuss work-in-progress and new-ideas contributions, where some aspects of the work remain open. Seven papers were accepted in this track.

The *Artifacts* track received submissions for already accepted research track papers and three independently submitted data artifact papers that are presented in this volume. The Artifact Chairs oversaw a dedicated verification process with a team of reviewers willing to try out code, review datasets, and provide iterative feedback.

At its third successful edition, the *Data Challenge* track at ICPE asked participants to address challenges in analyzing datasets of microservices execution traces, as provided by the track organizers. Five papers were accepted in this track.

The *Posters and Demonstrations* track hosts three demo papers and two posters outlining work relevant to the performance engineering community.

The Tutorial track presents three high-quality tutorials on high-performance system design, industry perspectives on performance analysis, and distributed tracing analysis.

In addition to the main conference and its tracks, we were also very happy to host seven interesting colocated workshops on topics related to performance engineering.

These various tracks and workshops provide a valuable forum for discussing ideas in a broad range of topics related to performance engineering. They also provide a platform for researchers, students, and practitioners to discuss their ideas informally and establish collaborations.

ICPE 2024 will be held in person to stimulate the connection and socialization among young and senior researchers and practitioners. The organizing committee strongly believes that an "in-presence" conference is more effective in providing new insights and concrete opportunities to create strong relationships among ICPE community members.

As always, ICPE 2024 is the result of hard work made by the authors, the program committees of the different tracks and the external reviewers, and the conference organizers. We thank them for their invaluable contribution. We also acknowledge the individual workshop organizers and program committees for their contributions. Our sincere thanks go to SPEC and ACM, through SIGSOFT and SIGMETRICS, for their continuous support. We are also thankful to ACM SIGSOFT CAPS for providing travel grants to students and professionals, enabling increased participation.

On behalf of the whole organizing committee, we welcome you to South Kensington and hope you will enjoy the conference and the city of London.

Simonetta Balasamo
ICPE'24 General Co-Chair
Ca'Foscari University of Venice, Italy

William Knottenbelt
ICPE'24 General Co-Chair
Imperial College London, UK

Chairs continued.

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