9th Workshop on Challenges in Performance Methods for Software Development: WOSP-C'24 Chairs' Welcome

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9th WOSP-C 2024

Workshop on Challenges in Performance Methods for Software Development
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ABSTRACT

We are pleased to welcome you to the 9th Workshop on Challenges in Performance Methods for Software Development – WOSP-C 2024 (https://wosp-c.github.io/wosp-c-24/). This year's edition continues its tradition of being the forum for discussions on novel and unresolved challenges in the field of software performance engineering. The primary areas of interest for the workshop remain consistent with previous editions, but the scope of this year's edition has been extended to include additional novel topics. WOSP-C 2024 will cover topics such as performance assurance processes, the interplay between performance and privacy, green software, performance modeling, and simulation, among others.

We warmly welcome attendees to attend our keynote, and research talks:

- [Keynote] *25+ years of software performance: from integrated system modeling to ML-based analysis, what's next?* Vittorio Cortellessa (University of L'Aquila).
- [Keynote] *Closing the Loop: Building Self-Adaptive Software for Continuous Performance Engineering.* Marin Litoiu (York University).

- [Work-in-Progress Paper] *Green Software Metrics.* Andreas Brunnert.
- [Short Paper] *Privacy-Preserving Sharing of Data Analytics Runtime Metrics for Performance Modeling.* Jonathan Will, Dominik Scheinert, Seraphin Zunzer, Jan Bode, Cedric Kring and Lauritz Thamsen.
- [Full Paper] *HetSim: A Simulator for Task-based Scheduling on Heterogeneous Hardware.* Marcel Lütke Dreimann, Birte Friesel and Olaf Spinczyk.
- [Full Paper] *Approximating Fork-Join Systems via Mixed Model Transformations.* Rares Dobre, Zifeng Niu and Giuliano Casale.
- [Full Paper] *Establish a Performance Engineering Culture in Organizations.* Josef Mayrhofer.

Putting together WOSP-C 2024 was a team effort. We first thank the authors for providing the content of the program. We are grateful to the program committee, who worked very hard to review papers and provide feedback to the author.s Finally, we thank ICPE for hosting our workshop.

We hope that you will find this program interesting and thought-provoking and that the symposium will provide you with a valuable opportunity to share ideas with other researchers and practitioners from institutions around the world.