ICPE'23 Fast Continuum Workshop Chairs Welcome

It is our great pleasure to welcome you to the first FastContinuum Workshop held on April 16th 2023. The goal of the workshop is to foster discussion and collaboration among researchers from cloud/edge/fog computing and performance analysis communities, to share the relevant topics and results of the current approaches proposed by industry and academia. FastContinuum solicited full papers as well as demo and short papers including reports about research activities not mature enough for a full paper as well as new ideas and vision papers.

The final program includes four full papers and three short ones. They cover some of the most interesting areas of computing continua, from FaaS development and acceleration to the management of heterogeneous datasets to the development of Infrastructure as Code and the automation of deployment through the computing continuum. DevSecOps is also brought to the attendees' attention as one of the crucial ingredients for proper management of the continuum.

The workshop keynote, given by Samuel Kunev, investigates further the area of serverless computing properly positioning the multiple aspects and approaches developed in this area and highlighting the main challenges related to the performance of these approaches. The keynote is held in collaboration with the eleventh International Workshop on Load Testing and Benchmarking of Software Systems (LTB 2023). The program is concluded by a panel discussion on the current trends and evolution of cloud and computing continuum systems. With the objective of expanding the workshop discussion to a larger community, this session is organized jointly with the sixth Workshop on Hot Topics in Cloud Computing Performance (HotCloudPerf 2023).

Putting together the first edition of FastContiuum 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 hard in reviewing papers and providing timely feedback for authors. Finally, we thank the ICPE conference for hosting the workshop in its organization, the conference sponsors ACM SIGMETRICS, ACM SIGSOFT, and SPEC, and the workshop co-organizing projects AI-SPRINT, PIACERE, and SwForum.

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

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