ICPE 2019 General Chairs' Welcome

It is with great pleasure we welcome you to the 10th ACM/SPEC International Conference on Performance Engineering (ICPE), and to the amazing city of Mumbai, India. Mumbai is a bustling metropolis of over 20 million people that is both the financial and the entertainment capital of India. It is a city of stark contrasts and not a conventional 'tourist's city'. A visitor can visit a large number of heritage buildings from the colonial era or the 6th century Elephanta Caves or the charming suburb of Bandra, with its Churches and sea-side promenades. ACM/SPEC ICPE 2019 will be held in the Victor Menezes Convention Centre, a five-floor convention centre with a 350+ capacity auditorium and comfortable seminar and conference rooms. The Centre is located within the campus of the Indian Institute of Technology, Bombay (IIT Bombay), situated in the suburb of Powai.

In its 10th edition, ICPE is being held in Asia (India), which marks its first time outside Europe and America. This has given an important signal of both acknowledging the presence of a vibrant scientific community working in performance engineering in this part of the world, as well as a desire to increase this community's involvement with ICPE by bringing it geographically close to them.

ICPE2019 continues its tradition of being the premier forum for the integration of theory and practice in the field of performance engineering, while founding its roots into the ACM Workshop on Software Performance (WOSP since 1998) and the SPEC International Performance Engineering Workshop (SIPEW since 2008). It brings together researchers and industry practitioners to share ideas, discuss challenges, and present results of both work-in-progress and state-of-the-art research on performance engineering of software and systems.

ICPE 2019 is the fruit of a creative and tireless team work. Firstly, many thanks go to the Program Co-Chairs, Marin Litoiu and José Merseguer, for the enormous effort they have put in attracting an excellent Research Program Committee, and in keeping the high-quality of papers with an exciting research track. The Industrial Chair, David Schmidt, has done a very good job in selecting an interesting set of industry research papers.

The conference program has been enriched by a stimulating selection of posters and demos made by Tadashi Dohi (Poster and Demo Chair), and of Work-In-Progress and Vision papers made by Huaming Wu and Mirco Tribastone (Work-In-Progress and Vision Chairs). The conference program also provides an interesting Workshop and two tutorials presenting very innovative topics, thanks to the work done by Davide Arcelli and Elena Gómez-Martínez (Workshop Chairs), and Radu Calinescu and Enrico Vicario (Tutorial Chairs).

A number of co-located events will be held alongside ICPE2019, including a "Simulation Modeling Hackathon", a first hackathon on performance topics, the "India Performance Workshop", which will feature invited speakers from academia and industry, and the "TCS Quantum Computing Workshop".

The last but not the least, we were delighted to attract three excellent keynote speakers: Prof. Kishor Trivedi (Duke University, Durham, NC), Prof. Evgenia Smirni (College of William and Mary, Williamsburg, VA, USA) and Dr N. Muralidaran (NSEIT Limited, India).

The whole Organizing Committee has been invaluable in running a smooth process, and in particular we acknowledge the efforts of: Manoj Nambiar, for his dedicated job as Finance Chair; André van Hoorn and Tilmann Rabl, our Award Chairs, for running the award process; Matthew Forshaw and Meikel Poess, the Artifact Evaluation Chairs for managing the artifact evaluation process; Philipp Leitner, for putting together the proceedings as our Publication Chair; and Rupinder Virk and Dhaval Shah, for managing the registration process as Registration Chairs; our Publicity and Social Media Chairs Abhay Pendse, Ana Lucia Varbanescu, Nikolas Herbst and Vipul Mathur for a broad, accurate and timely advertisement of the conference across traditional and novel publicity channels; Joydeep Mukherjee, our Web Chairs, for his continuous and timely updates to the web site. A special thank goes to Shruti Kunde and Trirag Chowdhury, our Local Chairs, for handling the multitude of local arrangements and the entire Local Organization Committee including the student volunteers from IIT Bombay and Kharagpur that worked hard to guarantee a successful conference and pleasant stay in Mumbai.

Our sincere thanks go to SPEC and ACM, through SIGSOFT and SIGMETRICS, for their continuous support. We are also thankful to Tata Consultancy Services, VMware, AMD, NetApp, and Software Technology Parks India for their sponsorship and support, and to ACM/SIGSOFT CAPS, National Programme on Technology Enhanced Learning (India), COMSNETS for providing travel grants to students and academics which enabled them to attend the conference.

On behalf of the whole organizing committee, we welcome you to Mumbai and hope you will enjoy the conference, the city and the fascinating Indian culture.

Varsha Apte
ICPE 2019 General Co-Chair
IIT Bombay, India

Antinisca Di Marco
ICPE 2019 General Co-Chair
University of L'Aquila, Italy