

# Message from the Program Chairs and Industry Panel Chairs ACOMP 2020

The International Conference on Advanced COMputing and Applications (ACOMP) is an annual, multi-track international forum for academics, engineers, practitioners and research students to exchange their ideas, techniques, methods, and state-of-the-art applications for advanced computing. Initially formed as a scientific venue for high-performance computing & advanced applications, the conference kept expanding and had a pedigree of attracting international and Vietnamese participants who both are interested in advanced topics of computer science & engineering. The first occurrence of ACOMP was dated back to as early as 2007.

The 14th edition of ACOMP offers a venue for discussing the impact of new computing trends (e.g., machine learning, Blockchain, Internet of Things) on the well-established areas of software engineering, hardware-enabled AI & security, high performance computing and image processing. ACOMP 2020 was meant to take place on the campus of Quy Nhon University. Located in a charming seaside city of Quy Nhon, the hosting university plays an increasingly important role in education, science and economy in Central Vietnam.

As the world was hit hard by the coronavirus pandemic in 2020, many of our authors struggle with a new difficult time. Though Vietnam survived the last two waves of the pandemic, we had to take into account the restriction of international travels put by many universities and companies worldwide and the uncertainty of government measures in November of the year. In line with many other conferences in this pandemic time, ACOMP 2020 went online. Yet we are proud to present an interesting program consisting of: (a) regular research papers reporting complete scholarly work; (b) short papers showing innovative ideas and promising in-progress work.

The call for papers resulted in a total of 64 submissions, out of which we selected 27 papers through a rigorous review process, for an acceptance rate of 42.1%. Our authors were from Japan, Australia, Algeria, Russia, Indonesia, and of course different geographical areas of Vietnam. Each submission was reviewed by at least three members in the technical program committee. The accepted papers, in addition to being organized into the two aforementioned parts, are further categorized into sections matching the conference themes. More excitingly, the conference hosts two online keynotes given by highly regarded scholars from Australia and Singapore.

Many people have contributed to the success of ACOMP 2020. We would like to thank our authors for the submissions they made to the conference, the effort they put on the final version of their papers to reflect the reviews they received. Our special thanks go to the invited keynote speakers for their visionary speeches. We are grateful to all members of our program committee for their timely reviews and their lively participation in the subsequent discussions leading to the final paper selection in our conference proceedings. We would also like to thank the local organizing committee and other staff for their countless efforts without which ACOMP 2020 may not happen. Last but not least, we are happy to thank Quy Nhon University for their willingness to host the conference, even though it was later turned into a fully digitized event.

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**ACOMP 2020 Program Chairs**

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