Welcome to ASP-DAC 2020

On behalf of the Organizing Committee, it is our pleasure to welcome you to the 25th Asia and South Pacific Design Automation Conference (ASP-DAC), in Beijing, China on 13-16 January 2020!   As the capital of China, Beijing is home to a great number of universities and colleges, including several world-class universities and research organizations of international stature; together with the large population of IC designers in China and the sound support from the Chinese government for the development of IC Industry, making Beijing a perfect place for hosting ASP-DAC 2020.

Since 1995, ASP-DAC has been served as a great platform for researchers, academics, industrial participants and students to exchange and share their ideas and the latest advanced technologies on LSI design and design automation areas.

ASP-DAC 2020 received 279 submissions from all over the world. Based on rigorous and thorough reviews by the Technical Program Committee, 86 papers have been accepted and 25 technical sessions have been organized. Seven Special Sessions have also been organized based on invited talks by the Technical Program Committee.

We have arranged 6 Keynote sessions to discuss the future directions of this area. The first keynote address is "Skin electronics for continuous health monitoring" by Prof. Takao Someya of University of Tokyo. The second one is "Design automation for customizable computing" by Prof. Jason Cong of University of California, Los Angeles. Four keynote speeches come from industry to share the opinions on this area from a different angle. They are "Explore the next tides of EDA" by Dr. Lifeng Wu, Empyrean Software, "Edge-to-cloud innovations for inclusive AI" by Dr. Xiaoning Qi, Alibaba Group, "Huge development of RISC-V arising from IOT spurt" by Dr. Zhang Yingwu, GigaDevice Semiconductor, "Emulation View of Synopsys Verification Continuum Platform" by Dr. Michael Wang, Synopsys.

The Designers' Forum is a unique program that will share design experience and solutions of real product developments among LSI designers and EDA developers, which will be held on January 15th and 16th. The topics discussed in this forum include "Trends in EDA", "Emerging Design" and "AI Accelerators". The University Design Contest is also an important annual event of ASP-DAC and 6 high-quality designs were selected for presentation in the morning, January 14th.

Seven tutorials have been arranged on Monday, January 13rd. Registrants can choose any topic depending on their interests and can obtain wider perspective on the recent hot topics.

There are thirteen enterprises joining in ASP-DAC2020 exhibition. They are leaders in the specific industry and will share the state-of-the-art products and systems.

Taking this opportunity, we would like to express our sincere appreciation to those who have contributed to ASP-DAC 2020, including authors, speakers, reviewers, session organizers, moderators, panelists, session chairs, keynote speakers, sponsors and committee members.   We hope all attendees have an enjoyable and productive experience at ASP-DAC 2020.

Tim Cheng and Huazhong Yang

General Co-Chairs ASP-DAC 2020

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