

ICS 2018 General Chairs' Welcome

On behalf of the ICS organizing committee, we are very pleased to welcome you to Beijing, China, for the 32nd International Conference on Supercomputing (ICS-2018) on June 12-15, 2018.

Beijing is the Capital of China, with its unique historical depth and splendid cultures, blended into a modern metropolis. In Chinese history, Beijing was the Capital of several dynasties, including Liao, Jing, Yuan, Ming, and Qing, and the result is a city that gives one the feeling of magnificence and grandness.

Visitors will enjoy many of the historical sites including Forbidden City, Summer Palace, Great Wall and Ming's Tombs. In ICS, Forbidden City will be explored as part of our social activity, and the visitors can see these cultural treasures that speak to us from the distant past. The conference banquet will be held at the Laoshe Teahouse, where we will enjoy the Chinese traditional cultures, variety shows, and delicious food simultaneously.

ICS is the premier international forum for the presentation of research results in high-performance computing systems and supercomputing. This year is no different thanks to the organizing committee, reviewers, and contributing authors. The program committee selected an extremely interesting program. Several exciting workshops and tutorial will also be part of the conference. We would like to thank all members of the organizing committee and steering committee as well as the technical program committee and the external reviewers.

We would also like to thank the corporate supporters of ICS who have provided generous financial support: Huawei, Sugon, Nayuta, Arm, Xilinx, Baidu, VMware, Microsoft, SMARCO, NEBULAS, ZILLIZ, and zwillon – our primary supporters this year. Our thanks also go to ACM SIGARCH for sponsoring the event.

We hope you find the ICS'18 exciting, as we have a packed program with 36 technical papers, two keynotes, and several invited talks from industry and academia.

Let us meet in Beijing!

Michael Gschwind (IBM) and Lei Liu (ICT, CAS)

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