



Workshop on High Performance Numerical Algorithm and Software for Large-scale Scientific & Engineering Applications

Vanburgh Hotel, Guangzhou, China, Jan 14, 2019

to be held in conjunction with HPC Asia 2019 Conference.

Workshop Goals

The workshop aims to provide a forum for experts from the countries around Asia-Pacific to discuss the recent progress of high performance numerical algorithm and software in scientific and engineering applications.

The workshop will be held immediately precede the HPC Asia 2019 Conference on Jan 15-16, 2019, Guangzhou, China.

Workshop Topics

- Scalable parallel numerical algorithms
- Fault-tolerant algorithms
- Large-scale simulations for real world applications
- High performance numerical software
- Performance analysis and tuning

Program Chairs

- Xu, Xiaowen (IAPCM, China)
- Zhang, Chen-Song (AMSS, CAS, China)

Scientific Committee

- Li, Xiaoye (LBNL, USA)
- Liu, Weifeng (NUST, Norway)
- Mo, Zeyao (IAPCM, China)
- Nakajima, Kengo (U.Tokyo, Japan)
- Tan, Guangmin (ICT, CAS, China)
- Wittum, Gabriel (KAUST, Saudi Arabia)
- Xu, Jinchao (PSU, USA)
- Xu, Xiaowen (IAPCM, China)
- Zhang, Linbo (AMSS, CAS, China)
- Zhang, Chen-Song (AMSS, CAS, China)

Confirmed Speakers

- Cai, Jianfeng (HKUST, Hong Kong)
- Chen, Rongliang (SIAT, CAS, China)
- Logashenke, Dmitry (KAUST, Saudi Arabia)
- He, Xin (ICT, CAS, China)
- Kwak, Do-Young (KAIST, South Korea)
- Lee, Chang-Ock (KAIST, South Korea)
- Liu, Hui (Calgary, Canada)
- Mu, Mo (HKUST, Hong Kong)
- Sheen, Dongwoo (NSU, South Korea)
- Wittum, Gabriel (KAUST, Saudi Arabia)
- Xu, Ran (IAPCM & CAEP-SCNS, China)
- Xue, Wei (Tsinghua, China)
- Yang, Haijian (HNU, China)
- Zhang, Linbo (AMSS, CAS, China)

Registration, Accommodation, Visa Application, more details:

<https://hpcasia2019.org>

Welcome to join us on January 14, 2019!