Workshop on Computational Problems
in Materials Science

Beijing, China, June 6-8, 2012

The fourth workshop on computational problems in materials science will be held at Institute of Computational Mathematics and Scientific/Engineering Computing, Chinese Academy of Sciences. The first workshop in July 2009 at Peking University, second workshop in August 2010 at Soochow University, and third workshop in July 2011 at Wuhan University resulted in the great attention to the problems of multiple scales, multi-physics and multi-disciplinary. The fourth workshop will bring leading experts in mechanics, physics, chemistry and computational mathematics together for future academic exchanges. The themes of the workshop cover computational and mathematical problems arising from materials science and related areas. Recent developments in these areas will be surveyed and future trends will be discussed to foster collaborations of scientists from various disciplines.

Invited Speakers:

Junzhi Cui (Institute of Computational Mathematics, CAS)
Weiguo Gao (School of Mathematical Sciences, Fudan University)
Yiqing Gao (College of Chemistry and Molecular Engineering, Peking University)
Ruo Li (School of Mathematical Sciences, Peking University)
Haiqing Lin (Beijing Computational Sciences Research Center)
Lin Lin (Computational Research Division, Lawrence Berkeley National Laboratory)
Di Liu (Department of Mathematics, Michigan State University)
Jing Shi (Department of Mathematics, Wayne State University)
Huazhong Tang (School of Mathematical Sciences, Peking University)
Yanting Wang (Institute of Theoretical Physics, CAS)
Yueguang Wei (Institute of Mechanics, CAS)
Yang Xiang (Department of Mathematics, Hong Kong University of Science and Technology)
Xingye Yue (School of Mathematical Sciences, Soochow University)
Ping Zhang (Institute of Applied Physics and Computational Mathematics)
Pingwen Zhang (School of Mathematical Sciences, Peking University)
Xiaohong Zhu (College of Science and Engineering, Jinan University)

Sponsors:
National Center for Mathematics and Interdisciplinary Sciences, CAS
School of Mathematical Sciences, Peking University
School of Mathematics and Statistics, Wuhan University

Organizers:
Pingbing Ming (Institute of Computational Mathematics and Scientific/Engineering Computing, CAS)
Zhijian Yang (School of Mathematics and Statistics, Wuhan University)

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