International Conference on Algorithms and Applications for Excited State Electronic Structure Theories

August 8-10, 2016, Beijing Computational Science Research Center

Beijing, China

Conference Themes

Excited state electronic structure theory is one of the most active research fields in condensed matter physics and quantum chemistry, and plays a critical role in understanding electronic and optical properties of materials and chemical systems, and in energy related applications. Numerical algorithms for excited state theory typically face the challenges of very high computational complexity. This conference aims at bringing leading experts in the field to introduce recent developments of numerical algorithms and applications of excited state theory, and to stimulate discussion among conference participants.

Scientific Committee

Roberto Car, Chair, Princeton University

Weinan E, Peking University and Princeton University

Haiqing Lin, Beijing Computational Science Research Center

Zhenyu Zhang, University of Science & Technology of China

Organizing Committee

Wei Cai, co-chair, UNC Charlotte and CSRC

Lin Lin, co-chair, UC Berkeley

Limin Liu, Beijing Computational Science Research Center

Jianfeng Lu, Duke University

Chi-Yung Yam, Beijing Computational Science Research Center

Important Dates

Early Registration Deadline: July 1, 2016

Conference Dates: August 8-10, 2016

Invited Speakers

Stefano Baroni	SISSA
Fabien Bruneval	CEA
Roberto Car	Princeton University
GuanHua Chen	Hong Kong University
Bert de Jong	Lawrence Berkeley National Lab
Thomas Frauenheim	Universität Bremen
Shiwu Gao	Beijing Computational Science Research Center
Eberhard Gross	Max Planck Institute
Lixin He	University of Science & Technology of China
Hong Jiang	Peking University
Xinzheng Li	Peking University
Lin Lin	Berkeley
Gang Lu	CSU Northridge
Sheng Meng	Chinese Academy of Sciences
Zhigang Shuai	Tsinghua University
Giberto Teobaldi	University of Liverpool
Su-Huai Wei	Beijing Computational Science Research Center
Xifan Wu	Temple University
Chi-Yung Yam	Beijing Computational Science Research Center
Chao Yang	Lawrence Berkeley National Lab
Weitao Yang	Duke University
Zhenyu Zhang	University of Science & Technology of China

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