International Workshop of Advanced Image Processing of Cryo-Electron Microscopy

Institute of Biophysics, Chinese Academy of Sciences, Beijing, China
August 6 - 10, 2017

Topics

1. Novel algorithms to analyze molecular machineries with continuous conformational change
2. Image processing tools to analyze the structure of molecular machineries in situ
3. Tools and methods to aid accurate modeling based on CryoEM maps
4. New tools for high-throughput single particle analysis
5. Utilization of EMDB/EMPAIR services

Invited Speakers and Teachers
Abbas Ourmazd (University of Wisconsin-Milwaukee, USA)
Slavica Jonic (IMPMC, Sorbonne Universités, France)
Florian Schur (EMBL, Germany)
Sai Li (University of Oxford, UK)
Brendon Frenz (University of Washington, USA)
Ardan Patwardhan (EMBL-EBI, UK)

Organizing Committee Co-Chairs
Fei Sun (IBP, CAS)
Hongwei Wang (Tsinghua University)

Organizers
Institute of Biophysics, Chinese Academy of Sciences, China
Tsinghua University, China
Cryo-Electron Microscopy Subsociety of the Biophysical Society of China

Sponsors
FEI Company, USA

Committee members
Guoqiang Bi (USTC), Gang Cai (USTC), Lei Chen (Peking U), Lingpeng Cheng (Tsinghua U), Yao Cong (SIBCB, CAS), Wanzhong He (NIBS), Yongning He (SIBCB, CAS), Jian Hong (Zhejiang U), Gang Ji (IBP, CAS), Jianlin Lei (Tsinghua U), Xueming Li (Tsinghua U), Hongrong Liu (Hunan U), Lizhi Mi (Tianjin U), Qingtao Shen (ShanghaiTEC), Senfang Sui (Tsinghua U), Fei Sun (IBP, CAS), Hongwei Wang (Tsinghua U), Yi Wu (XianJT U), Ye Xiang (Tsinghua U), Tao Xu (IBP, CAS), Xiaodong Yan (Xiamen U), Changcheng Yin (Peking U), Fa Zhang (ICT, CAS), Lei Zhang (XianJT U), Qinfen Zhang (SYSU), Xing Zhang (Zhejiang U), Xinzheng Zhang (IBP, CAS), Jian Zhu (Tongji U), Ping Zhu (IBP, CAS)

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