



EPTAA2017

Synopsis and Organizers
Participants
Schedule
Titles and abstracts
Group Photos
Speakers Photos
返回会议主页 (/meeting/cnindex)

特征值问题的理论，计算和应用研讨会 (Eigenvalue Problems: Theory, Approximation and Applications)

2017-12-25 ~ 2017-12-29

Synopsis and Organizers

Eigenvalue problems arise in many scientific and engineering applications. They are also important in emerging areas such as big data analysis. For example, eigenvalues (or singular values) can be used to study social networks. On the basis of current research trends and the wide spectrum of applications, the workshop focuses on the following topics at the forefront of research: 1) Applications of eigenvalue problems in quantum chemistry/physics, materials science, big data science, optimization, etc. 2) Numerical approximation of PDE eigenvalue problems; 3) Eigensolvers of large, sparse, non-Hermitian matrices; The proposed workshop is highly interdisciplinary. We hope to narrow the gap between theoreticians and practitioners and set up connections among mathematician, physicists, chemists, materials scientists, etc. The topics of the workshop involve rapidly developments at the frontiers on today's research related to eigenvalue problems.

Organizers

Name	University
Zhimin Zhang	Beijing Computational Science Research Centre and Wayne State University
Haiqing Lin	Beijing Computational Science Research Centre
Jiguang Sun	Michigan Technological University
Aihui Zhou	Chinese Academy of Science

Participants

English Name	Chinese Name	Employer	Employer's Name In Chinese
Zhimin Zhang	张智民	Beijing Computational Science Research Centre and Wayne State University, USA	北京计算科学研究中心&美国韦恩州立大学
Haiqing Lin	林海清	Beijing Computational Science Research Center, China	北京计算科学研究中心
Aihui Zhou	周爱辉	Chinese Academy of Sciences	中国科学院
Jiguang Sun	孙继光	Michigan Technological University, USA	美国密歇根理工大学
Jing An	安静	Beijing Computational Science Research Center, China	北京计算科学研究中心
Weizhu Bao	包围柱	National University of Singapore	新加坡国立大学
Susanne Brenner		Louisiana State University, USA	美国路易斯安那州立大学
Li-Yeng Sung		Louisiana State University, USA	美国路易斯安那州立大学
Jin Cheng	程晋	Fudan University, China	复旦大学

Shiping Feng	冯世平	Beijing Normal University, China	北京师范大学
Hailong Guo	郭海龙	University of California, Santa Barbara, USA	美国加州大学圣塔芭芭拉分校
Xia Ji	季霞	Chinese Academy of Sciences	中国科学院
Huiyuan Li	李会元	Chinese Academy of Sciences	中国科学院
Zhongyi Lu	卢仲毅	Renmin University of China	中国人民大学
Li-Lian Wang	王立联	Nanyang Technological University, Singapore	新加坡南洋理工大学
Gang Chen	陈刚	University of Electronic Science and Technology Of China	电子科技大学
Yan Xu	徐岩	University of Science and Technology of China	中国科学技术大学
Jiwei Zhang	张继伟	Beijing Computational Science Research Center	北京计算科学研究中心
Carsten Carstenson		Berlin University, Germany	德国柏林大学
Huajie Chen	陈华杰	Beijing Normal University, China	北京师范大学
Joscha Gedicke		University of Vienna, Austria	奥地利维也纳大学
Xinming Wu	吴新明	Fudan University, China	复旦大学
Xincheng Xie	谢心澄	Peking University, China	北京大学
Waixiang Cao	曹外香	Beijing Normal University, China	北京师范大学
Yongyong Cai	蔡勇勇	Beijing Computational Science Research Center, China	北京计算科学研究中心
Guanghui Hu	胡广辉	Beijing Computational Science Research Center, China	北京计算科学研究中心
Jiangxing Wang	王疆兴	Hunan Normal University, China	湖南师范大学
Dongjin Lee		Nagoya University, Japan	日本名古屋大学
Tsung-Ming Huang	黄聪明	National Taiwan Normal Univ	台湾大学
Yunfeng Cai		Peking Univ	北京大学
Lei-Hong Zhang	张雷洪	Shanghai Univ. of Finance and Economics	上海财经大学
Limei Xu	徐莉梅	Peking University	北京大学
Weiguo Gao	高卫国	Fudan University	复旦大学
Murray Batchelor		Australia Ntional University	澳洲国立大学
Jiayu Han	韩家宇	Guizhou Normal University	贵州师范大学
Qilong Zhai	翟起龙	Jilin University, China	吉林大学
Ran Zhang	张然	Jilin University, China	吉林大学
Xiaoqun Wang	王孝群	Shanghai Jiao Tong University, China (HQ)	上海交通大学（总部）
Lei-Han Tang	汤雷翰	Beijing Computational Science Research Center	北京计算科学研究中心
Ruihao Huang		Michigan Technological University, USA	美国密歇根理工大学
Xingao Gong	龚新高	Fudan University, China	复旦大学
Yangfeng Su	苏仰锋	Fudan University, China	复旦大学
Zhong Fang	方忠	Institute of Physics, China Academy of Sciences	中国科学院物理研究所

Schedule

Time&Date	Monday (December 25)	Tuesday (December 26)	Wednesday (December 27)	Thursday (December 28)	Friday (December 29)
7:30-8:30	Breakfast (60 minutes)				
8:50	Group Photo				
Chair	Zhimin Zhang	Aihui Zhou	Hai-Qing Lin	Jiguang Sun	Zhiming Zhang
9:00-10:00	Carsten Carstenson	Weizhu Bao	Murry Batchelor	Yongyong Cai	Hailong Guo
10:00-10:30	Coffee Break (within 30 minutes)				
10:30-11:30	Joscha Gedicke	Guanghui Hu	Yunfeng Cai	Huajie Chen	Zhongyi Lu
11:30-12:30			Li-Lian Wang		
12:00	Lunch (90 minutes)				
14:00-15:00	Tsung-Ming Huang	Xia Ji	Free Discussion 13:30-17:00	Xiaoqun Wang	
15:00-15:30	Coffee Break (30 minutes)			Coffee Break (30 minutes)	
15:30-16:30	Dongjin-Lee	Jiguang Sun		Ran Zhang	
16:30-17:30	Huiyuan Li	Xinming Wu		Lei-Hong Zhang	
17:30	Dinner		Banquet 18:00-20:00	Dinner	

Titles and abstracts

 Titles and abstracts.pdf (/ueditor/jsp/upload/file/20171224/1514164874442004747.pdf)

Group Photos



HD image

 EPTAA2017AP.jpg (<http://www.tsimf.cn/ueditor/jsp/upload/file/20171225/1514263420747079165.jpg>)

 EPTAA2017BP.jpg (/ueditor/jsp/upload/file/20171225/1514263417271011649.jpg)

Speakers Photos

Link:

<http://www.tsimf.cn/photo/index?gid=162> (<http://www.tsimf.cn/photo/index?gid=162>)

<http://www.tsimf.cn/en/photo/index?gid=162> (<http://www.tsimf.cn/en/photo/index?gid=162>)



微信中文版

