

Workshop on Mathematical and Computational Methods for Transport Equations

Organizers

- Song Jiang, Institute of Applied Physics and Computational Mathematics
- Min Tang, Shanghai Jiao Tong University
- Yaguang Wang, Shanghai Jiao Tong University
- Wenjun Ying, Shanghai Jiao Tong University
- Lei Zhang, Shanghai Jiao Tong University

Introduction

The Workshop on Mathematical and Computational Methods for Transport Equations will be held from Nov 8 to Nov 9, in the Department of Mathematics, Shanghai Jiao University, Shanghai, China.

Transport equations appear in many problems of applied sciences and engineering. They are challenging both mathematically and numerically. Even though there are already lots of research effort on them in the past decades, the topics remain quite active and popular.

The aim of this workshop is to bring together researchers in both fields of computational and analytical methods for transport equations, discuss recent developments and explore possible collaborations.

Invited Speakers

- Shijin Deng, Shanghai Jiao Tong University
- Hao Gao, Shanghai Jiao Tong University
- Zhongyi Huang, Tsinghua University
- Ning Jiang, Tsinghua University
- Song Jiang, Institute of Applied Physics and Computational Mathematics
- Ruo Li, Peking University
- Zhihui Li, China Aerodynamics Research and Development Center
- Tiao Lu, Peking University
- Zhonghua Qiao, Hong Kong Polytechnical University

- Peng Song, Institute of Applied Physics and Computational Mathematics
- Junxia Wei, Institute of Applied Physics and Computational Mathematics
- Kun Xu, Hong Kong University of Science and Technology
- Wei Xiang, City University of Hong Kong
- Tong Yang, City University of Hong Kong
- Xiongfeng Yang, Shanghai Jiao Tong University
- Guangwei Yuan, Institute of Applied Physics and Computational Mathematics
- Huijiang Zhao, Wuhan University

Title and Abstract

<http://math.sjtu.edu.cn/conference/Transport2014/Abstract.doc>

Program

Nov 8, 2014

9: 00-9: 40 Kun Xu
 9: 40-10: 20 Zhongyi Huang
 Tea break 20min
 10:40-11:20 Huijiang Zhao
 11:20-12:00 Ning Jiang
 Lunch 2hours
 2:00-2:40 Tong Yang
 2:40-3:20 Xiongfeng Yang
 Tea break 30min
 3:50-4:30 Zhihui Li
 4:30-5:10 Tiao Lu
 5:10-5:50 Junxia Wei

Nov 9, 2014

9: 00-9: 40 Song Jiang
 9: 40-10: 20 Hao Gao
 Tea break 20min
 10:40-11:20 Guangwei Yuan
 11:20-12:00 Peng Song
 Lunch 2hours
 2:00-2:40 Ruo Li
 2:40-3:20 Zhonghua Qiao
 Tea break 30min
 3:50-4:30 Wei Xiang
 4:30-5:10 Shijing Deng

Hotel

Academic Activity Center of Shanghai Jiao Tong University at Minhang

No. 800 Dongchuan Road, Minghang, Shanghai 200240

<http://en.sjtu.edu.cn/about-sjtu/life-sjtu/accommodation/hotels-on-campus>

Sponsors

- National Science Foundation of China
- Department of Mathematics, Shanghai Jiao Tong University
- Ministry of Education Key Laboratory of Scientific and Engineering Computing, Shanghai Jiao Tong University
- Shanghai Municipal Key Lab in Multiphysics Modeling, Analysis and Simulation, Shanghai Jiao Tong University

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