2011 International Workshop on Numerical Methods and Modelling for Compressible Multimaterial Flows and Mixing

Program Schedule

Organized by

Institute of Applied Physics and Computational Mathematics (IAPCM)

Beijing Computational Science Research Center (CSRC)

Key Laboratory of Computational Physics (LCP)

Supported by

Natural Science Foundation of China (NSFC)

2011. 9. 12 -15

Each oversea invited talk has five to ten minutes for questions, and each domestic talk has five minutes for questions.
Chairman: Shuanghu Wang(王双虎

Program Schedule

Monday morning, September 12, 2011，Building B Floor 8, Great Hall

8:15-8:45	**Opening Remarks, Photo　　Chairman　Shuanghu Wang(王双虎)　IAPCM**
Chairman	**Song Jiang(江松)**　IAPCM
8:45-9:45am	**James Glimm,** Stony Brook University, USA **Computational Tools for LES Turbulent Mixing and Combustion**
9:45-10:45am	**D. Drikakis,** Cranfield University, UK **High-Resolution Eulerian Methods for Multi-Component Turbulent Mixing Simulations**
10:45-11:05am	**Coffee Break**
Chairman	**Zeyao Mo(莫则尧)**　IAPCM
11:05-11:45am	**Shiyi Chen(陈十一)** Peking University, China **Multiscale Modeling of Compressible Turbulence**

Monday afternoon, September 12, 2011, Building B Floor 8, Great Hall

Chairman	**Weizhu Bao (包维柱)**　CSRC
2:00-3:00pm	**Snezhana Abarzhi,** University of Chicago, USA **Turbulent Mixing and Beyond: problems, concepts, solutions**
3:00-3:40pm	**David Emerson**, Daresbury Laboratory, Science and Technology Facilities Council, UK **A parallel high-order compact-TVD method for high-speed viscous flow on CPUs and GPUs**
3:40-4:20pm	**Xinliang Li(李新亮)**, Institute of Mechanics, Chinese Academy of Sciences, China **Direct numerical simulation and modeling of compressible turbulent flow**
4:20-4:40pm	**Coffee Break**
Chairman	**Xinliang Li(李新亮)** Institute of Mechanics, Chinese Academy of Sciences
4:40-5:20pm	**Feng Xiao(肖锋),** Institute of Mechanics, Chinese Academy of Sciences, China **A general multi-constraint flux reconstruction formulation for high order scheme**
5:20-6:00pm	**Xiaojun Gu,** Daresbury Laboratory, Science and Technology Facilities Council, UK **A strategy for capturing non-equilibrium phenomena in gaseous transport**
6:00-6:20pm	**Liping He(贺丽萍),** Tianjin University, China **Primary Breakup of Round Non-Newtonian Liquid Turbulent Jet**