

视频转播第二届科学计算与偏微分方程

国际会议部分邀请报告

第二届科学计算与偏微分方程国际会议将于 12 月 12 日至 16 日在香港浸会大学举行。我们将在下周一、四、五上午转播在大会的 10 个邀请报告，地点 709 房间。

The 2nd International Conference on Scientific Computing and Partial Differential Equations & The First East Asia SIAM Symposium

December 12-16, 2005

Lam Woo International Conference Center, Hong Kong Baptist University, Hong Kong.

Monday, 12 December 2005

9:00-9:20 Opening Ceremony

9:40-10:25 Invited Session: Chair: Zhong-Ci Shi

9:40 Weinan E

Theory and Modeling of Rare Events

10:45-12:15 Invited Session: Chair: Chi-Wang Shu

10:45 Philippe G.

Ciarlet Nonlinear Korn Inequalities on a Surface and Applications

11:30 Daniele Funaro

Approximation of Integral Type Equations by the Superconsistent Method

Thursday, 15 December 2005

9:00-10:30 East Asia SIAM Session: Chair: Philippe G. Ciarlet

9:00 Gilbert Strang

Optimization in the Framework of Applied Mathematics: Continuous and Discrete Maximum Flow and Cheeger Constants

9:45 Barbara Keyfitz

Multidimensional Hyperbolic Conservation Laws: Why We Need Both Analysis and Numerical Simulation

Friday, 16 December 2005

8:50–10:20 Invited Session: Chair: Gilbert Strang

8:50 Andrew Stuart

Stochastic PDEs for Sampling Conditioned SDEs

9:35 Pingwen Zhang

The Structure of Solutions for Doi–Onsager Equation and Applications

10:35–12:50 Invited Session: Chair: Zhong–Ci Shi

10:35 John Strain

Semi–Lagrangian Contouring and Elliptic Systems with Complex Moving Interfaces

11:20 Carsten Carstensen

Survey on Convergence of Adaptive Finite Element Methods

12:05 Yvon Maday

Reduced Basis Element Method for the Approximation of Nonlinear PDE's

欢迎大家参加。有关会议的信息请访问

<http://www.math.hkbu.edu.hk/SCPDE05/>

网络中心