



The Institute of Mathematical Sciences
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IMS Workshop on PDEs

May 5, 2006 (Friday)

Room 502a, Academic Building No. 1, CUHK

Program

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|----------------------|--|
| 09:00 – 09:45 | Prof. Xiaoping Wang (HKUST)
<i>Title: Mathematical and Numerical Issues in Moving Contact Line Problem</i> |
| 09:45 – 10:30 | Mr. Chunjing Xie (IMS & Dept. of Math, CUHK)
<i>Title: Global Subsonic-Sonic Flow through an Infinitely Long Nozzle</i> |
| 10:30 – 10:45 | <i>Tea Break</i> |
| 10:45 – 11:30 | Prof. Ganshan Yang (Yunnan Nationalities University & IMS, CUHK)
<i>Title: Some Results on Landau-Lifshitz Equation</i> |
| 11:30 – 12:15 | Ms. Dongjuan Niu (IMS & Dept. of Math, CUHK)
<i>Title: The Boundary Layers of the Primitive Equations of the Atmosphere</i> |
| 12:15 – 14:00 | <i>Lunch</i> |
| 14:00 – 14:45 | Prof. Xiaoqiang Zhao (Memorial University of Newfoundland & IMS, CUHK)
<i>Title: Spatial Dynamics of Reaction-Diffusion Equations in Cylinders</i> |
| 14:45 – 15:30 | Dr. Feng Xie (IMS, CUHK)
<i>Title: Some Results on the Transonic Shock Problems</i> |
| 15:30 – 15:45 | <i>Tea Break</i> |
| 15:45 – 16:30 | Prof. Zhengde Dai (Yunnan University & IMS, CUHK)
<i>Title: On Periodic Solitons and Bifurcation for the Boussinesq Equation and the Kadomtsev-Petviashvili Equation</i> |
| 16:30 – 17:15 | Prof. Zheng-An Yao (Zhongshan University & IMS, CUHK)
<i>Title: One Dimensional N-S Equations</i> |
| 18:30 | <i>Dinner</i> |

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