

Program

August 3, 2006 (Thursday)

- 9:15-9:55 Opening Session
- 10:00-10:40 Zhong-Ci Shi (Chinese Academy of Sciences)
石 鐘慈(中国科学院)
Some Aspects of Finite Element Approximation for Reissner-Mindlin Plates
- 11:00-11:40 Masahisa Tabata (Kyushu University)
田端 正久(九州大学)
Energy-Stable Finite Element Schemes for Multiphase Flow Problems
- 11:45-12:25 Hong-Xing Rui (Shandong University)
芮 洪興(山東大学)
Split Least-squares Mixed Element Methods
- 14:00-14:40 Byeong-Chun Shin (Chonnam National University)
辛 炳春(全南大学)
Least-squares Mixed Methods Using $RT_0 \times P_1$ Space for Elliptic Boundary Value Problems
- 14:45-15:05 Qing Fang (Yamagata University)
方 青(山形大学)
Convergence of Finite Difference Methods for Poisson-Type Equations with Singular Solutions
- 15:10-15:30 Shigetoshi Yazaki (University of Miyazaki)
矢崎 成俊(宮崎大学)
Numerical Simulation of an Area-Preseving Crystalline Curvature Flow
- 16:00-16:20 Tomohiro Sogabe (Nagoya University)
曾我部 知広(名古屋大学)
CRS: A Fast Algorithm Based on Bi-CR for Solving Nonsymmetric Linear Systems
- 16:25-17:05 Dong-Yang Shi (Zhengzhou University)
石 東洋(鄭州大学)
Convergence Analysis of Nonconforming Incomplete Biquadratic Plate Element on Anisotropic Meshes
- 17:10-17:30 Deng Li (University of Kentucky)
莉 鄧(ケンタッキー大学)
DDDAS Approaches to Wildland Fire Modeling
- 18:30-20:30 Party

August 4, 2006 (Friday)

- 9:15-9:55 Dong-Woo Sheen (Seoul National University)
申 東雨(ソウル大学)
Analysis of Conforming and Nonconforming Finite Element Methods in Wave Propagation
- 10:00-10:40 Tao Tang (Hong Kong Baptist University)
湯 濤(香港浸会大学)
Moving Mesh Methods for Singular Problems Using Perturbed Harmonic Mappings
- 11:00-11:40 Takashi Kako (The University of Electro-Communications)
加古 孝(電気通信大学)
Numerical Methods for Wave Propagation Problem Applied to Voice Generation Simulation
- 11:45-12:25 Yu-Jiang Wu (Lanzhou University)
伍 渝江(蘭州大学)
Semi-Implicit Schemes with Multilevel Wavelet-like Incremental Unknowns for a Reaction-Diffusion Equation
- 14:00-16:00 Poster Session & Group Photo
- 16:00-16:20 Awarding Ceremony
- 16:25-17:05 Wei-Wei Sun (City University of Hong Kong)
孫 巍巍(香港城市大学)
Mathematical Modeling for Moisture Transport in Fibrous Materials and Applications
- 17:10-17:30 Takuya Tsuchiya (Ehime University)
土屋 卓也(愛媛大学)
Conformal Mappings to Exterior Jordan Domains and their Finite Element Approximation

August 5, 2006 (Saturday)

- 9:35-9:55 Takayasu Matsuo (The University of Tokyo)
松尾 宇泰(東京大学)
A conservative Galerkin Scheme for the KdV Equation
- 10:00-10:40 Young-Mok Jeon (Ajou University)
全 永穆(亜州大学)
The Cell Boundary Element Methods
- 11:00-11:40 Yoshimasa Nakamura (Kyoto Univeristy)
中村 佳正(京都大学)
New Singular Value Decomposition Algorithm with High Performance

- 11:45-12:25 Lin-Zhang Lu (Xiamen University)
 蘆 琳璋(廈門大學)
A New Look at Restarted GMRES Method
- 14:00-14:40 Tetsuya Sakurai (University of Tsukuba)
 櫻井 鉄也(筑波大學)
A Rayleigh-Ritz Type Method for Large-Scale Generalized Eigenvalue Problems
- 14:45-15:25 Dong-Hui Li (Hunan University)
 李 董輝(湖南大學)
Descent Nonlinear Conjugate Gradient Methods for Optimization
- 16:00-16:40 Zhong-Zhi Bai (Chinese Academy of Sciences)
 白 中治(中國科學院)
Iterative Splitting Methods for Nonsymmetric Algebraic Riccati Equations

August 6, 2006 (Sunday)

- 9:15-9:55 Zhi-Ming Chen (Chinese Academy of Sciences)
 陳 志明(中國科學院)
A Posteriori Error Analysis and Adaptive Methods for Partial Differential Equations
- 10:00-10:40 Seok-Chan Kim (Changwon National University)
 金 錫燦(昌原大學)
The Finite Element Methods Dealing with Domain Singularities
- 11:00-11:40 Hiroshi Fujiwara (Kyoto University)
 藤原 宏志(京都大學)
High-Accurate Numerical Computation with Multiple-precision Arithmetic and Spectral Method
- 11:45-12:25 Chang-Ock Lee (KAIST)
 李 昌沃(韓國科學技術院)
A Neumann-Dirichlet Preconditioner for a Feti-DP Formulation with Mortar Methods
- 14:00-14:40 Mitsuhiro T. Nakao (Kyushu University)
 中尾 充宏(九州大學)
Numerical Verification Methods of Bifurcating Solutions for Two- and Three-Dimensional Rayleigh-Bénard Problems

August 7, 2006 (Monday)

Excursion to Hokkaido's volcanic area (登別 地獄谷)