Workshop on Theory and Applications of Mathematical Analysis
October 21~22, 2009
Room 308, New Math Building,
Department of Mathematics, National Taiwan University

Invited Speakers
October 21 (Wednesday)
10:20-11:10 Min Wu (吳敏, SCUT-Math, Prof & CS Dean)
   Title: Multifractal and Multifractal spectra
11:20-12:10 Jyh-Hao Lee (李志豪, AS-Math, Prof)
   Title: Solutions of NLS, DNLS and the Reaction-Diffusion System related to the Resonant Nonlinear Schrödinger Equation
12:10-13:20 Lunch Break
13:20-14:10 Shenglin Zhou (周勝林, SCUT-Math, Prof)
   Title: Some New Advances in Groups and Designs
14:20-15:10 Jein-Shan Chen (陳界山, NTNU-Math, A/Prof)
   Title: Recent results about generalized Fischer-Burmeister NCP-function
15:10-15:30 Tea Break
15:30-16:20 Bing Li (李兵, Post-doc Fellow)
   Title: Dynamical Systems Viewpoint of Continued Fraction and $\beta$-expansion
16:30-17:30 Session on Teaching Math in University
   Presenters: Quandi Wang (王全迪, SCUT-Math, Prof & Vice-dean),
               Gerard Jennhwa Chang (張鎮華, NTU-Math, Prof & Dept Chair)

October 22 (Thursday)
10:20-11:10 Zhengrong Liu (劉正榮, SCUT-Math, Prof & Dept Chair)
   Title: The solitary wave solutions of Camassa-Holm equation and its generalized Form
11:20-12:10 Kin-Ming Hui (許健明, AS-Math, Prof)
   Title: Existence and dynamic properties of a parabolic nonlocal MEMS equation
12:10-13:20 Lunch Break
13:20-14:10 Ngai-Ching Wong (黃毅青, NSYSU-Applied Math, Prof)
   Title: Disjointness preserving maps of C*-algebras
14:20-15:10 Yongsheng Li (李用聲, SCUT-Math, Prof)
   Title: Global Wellposedness and Long-Time Behavior of Some Nonlinear Evolution Equations
15:10-15:30 Tea Break
15:30-16:20 Narn-Rueih Shieh (謝南瑞, NTU-Math, Prof)
   Title: Kinetic Systems with Random Initial Data

Abbreviations
AS: Academia Sinica (中央研究院, 台北市)
NSYSU: National Sun-Yat-Sen University (中山大學, 高雄市)
NTU: National Taiwan University (台灣大學, 台北市)
NTNU: National Taiwan Normal University (台灣師範大學, 台北市)
SCTU: South China University of Technology (華南理工大學, 廣州市)

Sponsors:
Mathematics Division, National Center for Theoretical Sciences (Taipei Office) (http://math.cts.ntu.edu.tw/)
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