THE FIRST INTERNATIONAL SYMPOSIUM
ON NONLINEAR ANALYSIS AND CONVEX ANALYSIS

March 26-28, 2011

PROGRAMS and ABSTRACTS

DEPARTMENT of MATHEMATICS

NATIONAL CHANGHUA UNIVERSITY OF EDUCATION

Conference place: Tian Hsian, Hualien
The First International Symposium On Nonlinear Analysis and Convex Analysis

March 26-28, 2011

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CHANGHUA TAIWAN

Organizers;
Lai-Jiu Lin: National Changhua University of Education
Hang Chin Lai: Chuan Yuan University
Hong Kun Xu: National Sun-Yat –Sen University
Kang Man Liu; National Changhua University of Education

Sponsors:
Ministry of Education
National Changhua University of Education
Mathematics Research Promotion Center, National Science Council
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PROGRAMS

March 26, 2011 (Sunday)

4:30-6:55
Chairman: Professor Hang Chin Lai (Chuan Yuan University)

4:30-5:10 (keynote lecture) Wataru Takahashi (Tokyo Institute of Technology, Japan)
Weak and Strong Convergence Theorems for Maximum Monotone Operators With New Nonlinear Mappings

5:10-5:45 (invited lecture) Ngai-Ching Wong (National Sun Yat Sen University, Taiwan)
A unified Iterative –Methods for Solving Variational Inequalities Involving Pseudo-Contractive Mappings

5:45-6:20 (invited lecture) Jien Shan Chen (National Taiwan Normal University)
Analysis of Nonsmooth Vector –Valued Functions Associated with Infinite –Dimensional Second Order Cones

6:20-6:55 (invited lecture) Li Chong (Zheijiang University, China)
Convewrgence Analysis for Newton’s Method’s on Lie Group

7:00-7:30 dinner
March 27 (Sunday)

7:00-7:30 Breakfast

9:00-10:55

Chairman: Professor Wataru Takahashi

9:00-9:40 (keynote lecture) Hong Kun Xu (National Sun Yat Sen University, Taiwan)
Regularized Iterative Algorithms for Solving Linear Inverse Problems

9:40-10:10 :Wei-Shih Du (National Kaohsiung Normal University ,Taiwan)
On Approximate Coincidence joint Property and Its Applications

10:10-10:45 (invited lecture) Lai-Jiu Lin (national Changhua University of Education, Taiwan)
Generalized Ergodic Theorems and Convergence Theorems for Generalized Nonlinear Mappings in Hilbert Spaces

10:45-11:00 Tea Break

11:00-12:05
Chairman: Professor Ngai Ching Wong

11:00-11:35 (invited talk ) Lihui Peng (Zhejiang Gongsang University,China)
Well posedness of s Class of Perturbed Optimization

11:35-12:05 Eskandar Naraghirad (Yasong University,Iran)
Strong Convergence Theorems for a Finite Family of Totally Asymptotical I-Non-expansive Mappings In Banach Spaces

12:05-12:35: lunch

2:00-4:10
Chairman :Professor Lai-Jiu Lin

2:00-2:35 (invited lecture) Hang Chin Lai (Chuan Yuan University )
Optimality On Non-differentiable Fractional Programming Under Generalized Invexity of Exponential Lipschitz Functions

2:35-3:05 Shueching Huang (National Dong Hwa University, Taiwan)
Hybrid projection Algorithms For Asymptotically Quasi-Non-expansive Mappings

3:05-3:40 (invited talk) Zheng Xi Yin (Yunan University, China)
Strong Abadie CQ, ACQ Amlamess and Linear Regularity

3:40-4:10 Chih Sheng Chuang (National Changhua University of Education)
Fixed Point Theorems and delta-Converegence Theorems For Generalized Hybrid mappings in CAT(0)Spaces

4:10-7:00 sight seeing
7:00-7:30 dinner

March 28 (Monday)

8:30-1030

Chairman: Professor Hong Kun Xu

8:30-9:05 (invited lecture) S. Schaible (University of California, Riverside)
A Duality For Equilibrium Problems Under Generalized Monotonicity

9:05-9:35 Sung Yu Wang (National Changhua University of Education, Taiwan) Common Fixed Theorems For a Family of discontinuous and Noncommutative Maps

9:35-10:05: Yakin Wang (National Sun Yat University, Taiwan)
Strong Convergence Studied by a Hybrid Projection Method For Generalized Mixed Equilibrium Problems, Variational Inequalities and Two Countable Families of Quasi-Phi-Nonexpansive mappings

10:05-1035 Nguyen Quang Huy (Hanoi Pedagogical University, Vietnam)
Stability and Augmented Lagrangiam Duality in Nonconvex Semi-Infinite Programs

10:35-11-10 (invited talk) Tamaki Tanaka (Niigata University, Japan)
Cone-Semicontinuity of Set-Valued Maps Analogues With Real –Valued Semicontinuity
11:30 Back to Hualien

12:00 Lunch