

PROGRAM

Tuesday, December 19, 2017

Morning

08:00 – 08:30 **Registration**
2nd floor, **Building A5**,

08:30 – 08:50 **Opening Ceremony**
Grand Hall, 3rd floor, **Building A5**

Session 1

Chair: **Prof. Nguyen Dong Yen**

08:50 – 09:30 **Prof. Le Dung Muu**
(TIMAS, Thang Long University and Institute of Mathematics, VAST)
*A Quasinonexpansive Mapping Fixed Point Approach
to Pseudomonotone Equilibrium Problems*

09:30 – 10:10 **Prof. Nguyen Xuan Tan** (Institute of Mathematics, VAST)
*Quasi-intersection Problems and Fixed Point Theorems
of the Sum of Separately l.s.c and u.s.c Mappings*

10:10 – 10:40 **Coffee break**

Session 2

Chair: **Prof. Le Dung Muu**

10:40 – 11:20 **Prof. Truong Xuan Duc Ha** (Institute of Mathematics, VAST)
*Directional Derivative and Slope of Set-valued Maps,
and Applications in Set Optimization*

11:20 – 12:00 **Prof. Nguyen Nang Tam** (Hanoi University of Pedagogy 2)
*On Solution Existence for Quadratic Programs
in Reflexive Banach Spaces*

12:00 – 13:30 **Lunch**

Afternoon

Session 3

Chair: **Prof. Truong Xuan Duc Ha**

- 13:30 – 14:10 **Dr. Nguyen Huu Tron** (Quy Nhon University)
Directional Hölder Metric Regularity of Set-valued Mappings, and Applications
- 14:10 – 14:50 **Dr. Hoang Ngoc Tuan** (Hanoi University of Pedagogy 2)
DC Algorithms in Hilbert Spaces and Their Applications in Solving Indefinite Quadratic Programs
- 14:50 – 15:20 **Coffee break**

Session 4

Chair: **Prof. Nguyen Xuan Tan**

- 15:20 – 16:00 **Prof. Lam Quoc Anh** (Can Tho University)
On the Stability for Equilibrium Problems and Related Problems
- 16:00 – 16:20 **Vo Thanh Tai** (An Giang University)
On Hölder Continuity of Solution Map of the Parametric Equilibrium Control Problem
- 16:20 – 16:40 **Pham Thanh Duoc** (Vo Truong Toan University)
On Hölder Continuity of Solution Map to Parametric Vector Primal and Dual Equilibrium Problems
- 16:40 – 17:00 **Pham Thi Vui** (Naresuan University, Thailand)
Levitin-Polyak Well-posedness Properties of Optimization Problems by Set Approach

Wednesday, December 20, 2017

Morning

Session 5

Chair: **Prof. Huynh Van Ngai**

08:30 – 09:30 **Prof. Boris S. Mordukhovich** (Wayne State University, USA)
Critical Multipliers in Parametric Variational Systems

09:30 – 10:10 **Prof. Phan Quoc Khanh**
(International University, Ho Chi Minh City)
*Versions of the Weierstrass Theorem for Bifunctions
and the Solution Existence in Optimization*

10:10 – 10:40 **Coffee break**

Session 6

Chair: **Prof. Phan Quoc Khanh**

10:40 – 11:20 **Dr. Nguyen Huy Chieu** (Vinh University)
*Characterization of Tilt Stability via Subgradient Graphical Derivative,
with Applications to Nonlinear Programming*

11:20 – 12:00 **Dr. Pham Duy Khanh**
(Ho Chi Minh City University of Education)
*Second-order Characterizations of $C^{1,1}$ -smooth Pseudoconvex
and Quasiconvex Functions*

12:00 – 13:30 **Lunch**

Afternoon

Session 7

Chair: **Prof. Boris S. Mordukhovich**

- 13:30 – 14:10 **Prof. Huynh Van Ngai** (Quy Nhon University)
*Inverse Function Theorems for Multifunctions
in Graded Fréchet Spaces*
- 14:10 – 14:50 **Dr. Tran Thai An Nghia** (Oakland University, USA)
Q-Linear Convergence of Iterative Soft-thresholding Algorithm
- 14:50 – 15:10 **Nguyen Nguyen Truc Dao** (Wayne State University, USA)
Optimal Control of a Perturbed Sweeping Process
- 15:10 – 15:40 **Coffee break**

Session 8

Chair: **Dr. Nguyen Huy Chieu**

- 15:40 – 16:20 **Dr. Nguyen Van Luong** (Hong Duc University)
*Variational Analysis for Minimal Time Function
with Nonconvex Dynamics*
- 16:20 – 16:40 **Vu Thi Huong** (Institute of Mathematics, VAST)
Differentiability Properties of a Parametric Consumer Problem
- 16:40 – 17:00 **Tran Van Nam** (University of Danang, campus in Kon Tum)
Optimization with flexible objective
- 17:00 – 17:20 **Do Ngoc Hong** (Wayne State University, USA)
*Critical Multipliers via Second-order Generalized Differentiation
of a Subclass of Piecewise Linear-quadratic Functions*
- 18.00 – 20.00 **Conference Dinner**

Thursday, December 21, 2017

Morning

Session 9

Chair: **Dr. Tran Thai An Nghia**

- 08:30 – 09:10 **Dr. Cao Hoang Tan** (SUNY Korea, Korea)
*Optimal Control of a Nonconvex Perturbed Sweeping Process
with Applications to the Crowd Motion Model*
- 09:10 – 09:50 **Prof. Nguyen Dong Yen** (Institute of Mathematics, VAST)
*Second-order Subdifferentials and Optimality Conditions
for C^1 -smooth Optimization Problems*
- 09:50 – 10:20 **Coffee break**
- 10:30 – 18:00 **Excursions**