

O: Session: Optimization

Room 307

Monday, February 20

Morning

Chair: Nguyen Dong Yen (IMH)

- 10h – 10:40 Gue Myung Lee (Pukyong Nati. Univ.)
O1 *On robust semi-infinite multiobjective optimization problems*
- 10:40 – 10:50 Break
- 10:50 – 11:10 Le Thanh Hieu (Quy Nhon Univ.)
O2 *Rank-one solutions to systems of linear matrix equations and application to filter design problem*
- 11:10 – 11:30 Vu Thi Huong (IMH)
O3 *On the stability and solution sensitivity of a consumer problem*

Afternoon

Chair: Yongdo Lim (Sungkyunkwan Univ.)

- 15:15 – 15:55 Phan Quoc Khanh (Inter. Univ. VNU-HCM)
O4 *Linear and nonlinear metric regularity and optimality conditions*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Nguyen Trung Hieu (Duy Tan Univ.)
O5 *Balancing domain decomposition by constraints and perturbation*
- 16:25 – 16:45 Pham Qui Muoi (University of Education, Danang)
O6 *Inverse problems with nonnegative and sparse solutions: Algorithms and application to phase retrieve problem*
- 16:45 – 17:05 Nguyen Van Luong (Hong Duc Univ.)
O7 *Minimal time function associated with a collection of sets in normed spaces*

Tuesday, February 21

Morning

Chair: Nguyen Khoa Son (IMH)

- 9:35 – 10:15 Sangho Kum (Chungbuk Nati. Univ.)
O8 *Incremental gradient method for Karcher mean on symmetric cones*
- 10:15 – 10:25 Break
- 10:25 – 11:05 Le Dung Muu (IMH)
O9 *Quasinonexpansive mappings involving pseudomonotone bifunctions*
- 11:05 – 11:25 Bui Van Dinh (Le Quy Don Tech. Univ.)
O10 *Extragradient-proximal methods for split equilibrium and fixed point problems in Hilbert spaces*

Afternoon

Chair: Gue Myung Lee (Pukyong Nati. Univ.)

- 15:15 – 15:55 Truong Xuan Duc Ha (IMH)
O11 *Some results about error bounds and weak sharp minima in the vector case*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Nguyen Xuan Tan (IMH)
O12 *Quasi-equilibrium problems and fixed point theorems of the sum of lower and upper semicontinuous mappings*
- 16:25 – 16:45 Nguyen Huyen Muoi (IMH)
O13 *New criteria for robust finite-time stabilization of linear singular systems with time-varying delay*
- 16:45 – 17:05 Break
- 17:05 – 17:25 Nguyen Thai An (Thua Thien Hue Coll. Edu.)
O14 *Convergence analysis of a proximal point algorithm for minimizing differences of functions*
- 17:25 – 17:45 Nguyen Van Tuyen (Hanoi Pedagogical Univ. No. 2)
O15 *Strong second-order Karush-Kuhn-Tucker optimality conditions for vector optimization*

Wednesday, February 22

Morning

Chair: Nguyen Dinh (Inter. Univ., VNU-HCM)

9:35 – 10:15 Nguyen Dong Yen (IMH)

O16 *Affine variational inequalities on normed spaces*

10:15 – 10:25 Break

10:25 – 10:45 Nguyen Nang Tam (Hanoi Pedagogical Univ. No. 2)

O17 *Solution existence for quadratic programs in Banach spaces*

10:45 – 11:05 Duong Thi Kim Huyen (IMH)

O18 *Sensitivity analysis of an optimization problem under nonlinear perturbations*

11:05 – 11:25 Duong Thi Viet An (Coll. Sci., Thai Nguyen Univ.)

O19 *Differential stability of a class of convex optimal control problems*

Thursday, February 23

Morning

Chair: Sangho Kum (Chungbuk Nati. Univ.)

- 9:35 – 10:15 Pham Ngoc Anh (Posts and Telecom. Inst. Tech.)
O20 *Mann-extragradient method for unrelated variational inequalities and fixed point problems*
- 10:15 – 10:25 Break
- 10:25 – 10:45 Pham Tien Son (Univ. Dalat)
O21 *On the existence of Pareto solutions for semi-algebraic vector optimization problems*
- 10:45 – 11:05 Nguyen Van Bong (Tay Nguyen Univ.)
O22 *Nonconvex quadratic program over a generalized second-order cone and linear equalities*
- 11:05 – 11:25 Tran Thi Hoang Anh (Hai Phong Univ.)
O23 *On solution mapping of equilibrium problems*

Afternoon

Chair: Nguyen Xuan Tan (IMH)

- 15:15 – 15:55 Phan Nhat Tinh (Univ. Hue)
O24 *Optimality conditions for nonsmooth vector problems in normed space via generalized Hadamard directional derivatives*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Tran Minh Nguyet (Thang Long Univ.)
O25 *Optimal control of the 3D Navier-Stokes-Voigt equations*