

Conference "Some New Trends in Optimization and Applications 2025"

Saturday March 1st, 2025

Location: Hanoi University of Science and Technology

	Time	Content
Morning Session	8:00 - 8:30	Reception
	8:30 - 8:40	Opening ceremony
	Session 1	Chair: Le Dung Muu
	8:40 - 9:00	<u>Pham Ngoc Anh</u> : ``Equilibrium models and related problems: Algorithms and applications''
	9:00 - 9:20	<u>Bui Van Dinh</u> , <u>Hy Duc Manh</u> , <u>Tran Thi Huyen Thanh</u> , and <u>Bien Thanh Tuyen</u> : ``Variants of inertial algorithms for non-monotone equilibrium problems''
	9:20 - 9:40	<u>Simeon Reich</u> and <u>Truong Minh Tuyen</u> : ``Two new self-adaptive algorithms for solving the split feasibility problem in Hilbert space''
	9:40 - 10:00	<u>Nguyen Thi Thu Thuy</u> , <u>Pham Thanh Hieu</u> , and <u>Jean-Jacques Strodiot</u> : ``Convergence of a hybrid viscosity approximation method for finding zeros of m-accretive operators''
	10:00 - 10:10	Photo session
	10:10 - 10:30	Coffee break
	Session 2	Chair: Pham Ky Anh
	10:30 - 10:50	<u>Nam Dung Hoang</u> , <u>Nguyen Kieu Linh</u> , and <u>Hoang Xuan Phu</u> : ``Inner δ -approximation of the convex hull''
	10:50 - 11:10	<u>Tran Van Thang</u> and <u>Le Xuan Thanh</u> : ``Self-adaptive extragradient algorithms for quasi-equilibrium problems''
	11:10 - 11:30	<u>Nguyen Thi Le</u> and <u>Phan Thanh An</u> : ``Blaschke and separation theorems for orthogonal convex sets and some applications''
	11:30 - 11:40	<u>Simeon Reich</u> , <u>Truong Minh Tuyen</u> , and <u>Nguyen Song Ha</u> : ``A new optimization approach to solving split equality problems in Hilbert spaces''
	12:00 - 14:00	Lunch
	Session 3	Chair: Trinh Ngoc Hai
	14:00 - 14:20	<u>Do Duc Thuan</u> and <u>Duong Thi Hong</u> : ``Admissible and dissipative synchronization of fractional order singular systems with time delay using event-triggered feedback control''

	Time	Content
Afternoon session	14:20 - 14:40	Tran Thi Thuy An, Mac Anh Kiet, and <u>Ta Anh Son</u> : ``Solving multiple traveling salesmen problems by genetic algorithms''
	14:40 - 15:00	<u>Tran Ngoc Thang</u> and Nguyen Khac Trung: ``A novel pseudoconvex programming approach for multi-criteria fuzzy portfolio optimization with uncertainty ratio''
	15:00 - 15:20	Coffee break
	Session 4	Chair: Do Duc Thuan
	15:20 - 15:40	Pham Ky Anh and <u>Trinh Ngoc Hai</u> : ``Regularized dynamics for monotone inverse variational inequalities in Hilbert spaces''
	15:40 - 16:00	<u>Pham Thi Hoai</u> , Nguyen The Vinh, and Nguyen Phung Hai Chung: ``A novel stepsize for the gradient descent method''
	16:00 - 16:20	Le Xuan Ly, <u>Nguyen Thi Thu Thuy</u> , and Nguyen Quoc Anh: ``Relaxed two-step inertial method for solving a class of split variational inequality problems with application to traffic analysis''
	16:20 - 16:30	Closing ceremony