Workshop "Partial Differential Equations and Related Topics (PDE 2025)"

Saturday November 8th, 2025

Location: BK Alumni building, Hanoi University of Science and Technology

	Time	Content
Morning Session	08:00 - 08:15	Reception
	08:15 - 08:25	Opening ceremony
	Session 1	**Chair: Duong Anh Tuan**
	08:30 - 09:15	Invited talk 1: Spectral zeta function of the critical 2p Rabi model HIROSHIMA Fumio Kyushu University
	9h15-9h20	Q&A
	09:20 - 10:05	Invited talk 2: Hybrid uncertain dynamical systems: Advances in fuzzy, interval fractional, and neutrosophic intelligent modeling NGUYEN Thi Kim Son Hanoi University of Industry
	10:05 - 10:10	Q&A
	10:10 - 10:20	Photo session
	10:20 - 10:45	Coffee break
	Session 2	**Chair: Nguyen Thi Kim Son**
	10:45 - 11:15	Invited talk 3: Semi-classical Resonances for Landau Stark Hamiltonians Yoshida Naoya Ritsumeikan University
	11:15 - 11:20	Q&A
	11:20 - 11:50	Invited talk 4: The spectral Faber-Krahn inequalities for the Dirac and Laplacian VU Thi Bich Tuyen Hanoi University of Science and Technology
	11:50-11:55	Q&A
	12:00 - 14:00	Lunch

	Time	Content
Afternoon session	**Session 3**	**Chair: Dao Tuan Anh**
	14:00 - 14:30	Invited talk 5: Asymptotic analysis on the resonant tunneling effect for quantum walks Higuchi Kenta Gifu University
	14:30 - 14:35	Q&A
	14:35 - 15:05	Invited talk 6: Stability analysis of irreversible chemical networks with boundary equilibria NGUYEN Thi Lien Hanoi National University of Education
	15:05 - 15:10	Q&A
	15:10-15:40	Coffee break
	Session 4	**Chair: Nguyen Thi Lien**
	15:40 - 16:10	Invited talk 7: Some remarks on the asymptotic profile of solutions to structurally damped σ-evolution equations Bui Thi Nga Hanoi University of Science and Technology
	16:10-16:15	Q&A
	16:15 - 16:45	Invited talk 8: Allen-Cahn approximation of mean curvature flows: generic noncontinuous initial conditions NGUYEN Thi Van Anh Hanoi National University of Education
	16:45 - 16:50	Q&A