

**P: Session: Ordinary and Partial
Differential Equations**

Room 308

Monday, February 20

Morning

Chair: Cung The Anh (Hanoi Nati. Univ. Edu.)

- 10h – 10:40 Jongmin Han (Kyung Hee Univ.)
P1 *Classification of string solutions for the self-dual Einstein-Maxwell-Higgs model*
- 10:40 – 10:50 Break
- 10:50 – 11:10 Dang Thanh Son (Telecom. Univ.)
P2 *An optimal control problem of the 3D viscous Camassa-Holm equations*
- 11:10 – 11:30 Pham Cong Dan (Duy Tan Univ.)
P3 *The infinite differentiability of the speed for excited random walks*

Afternoon

Chair: Yun, Seok-Bae (Sungkyunkwan Univ.)

- 15:15 – 15:55 Nguyen Thi Ngoc Oanh (Coll. Sci., Thainguyen Univ.)
P4 *Data assimilation in heat conduction*
- 15:55 – 16:05 Break
- 16:05 – 16:25 Nguyen Van Dac (Thuy Loi Univ.)
P5 *Pullback attractor for differential evolution inclusions with delays*
- 16:25 – 16:45 Le Truong Giang (Univ. Fin. Marketing)
P6 *Some results relating to limit theorems for extended random summation of m -dependent random variables*

Tuesday, February 21

Morning

Chair: Jongmin Han (Kyung Hee Univ.)

9:35 – 10:15 Seok-Bae Yun (Sungkyunkwan Univ.)
P7 *Ellipsoidal BGK model for polyatomic particles*

10:15 – 10:25 Break

10:25 – 10:45 Bui Viet Huong (Coll. Scie., Thainguyn Univ.)
P8 *Determination of a term in right-hand side of parabolic equations*

10:45 – 11:05 Jaiok Roh (Hallym Univ.)
P9 *Function spaces for the incompressible flows*

Afternoon

Chair: Seung Yeal Ha (Seoul Nati. Univ.)

15:15 – 15:55 Cung The Anh (Hanoi Nati. Univ. Edu.)
P10 *Decay rates of solutions to some α -models in fluid mechanics*

15:55 – 16:05 Break

16:05 – 16:45 Minkyu Kwak (Chonnam Nati. Univ.)
P11 *The cone property of parabolic partial differential equations*

16:45 – 17:05 Break

17:05 – 17:25 Young-Ho Kim (Changwon Nati. Univ.)
P12 *Note on a difference between the approximate solution and accurate solution to SDDE*

Wednesday, February 22

Morning

Chair: Tran Loc Hung (Univ. Fin. Marketing)

9:35 – 10:15 Hantaek Bae (Ulsan Nati. Inst. Sci. Tech.)
P13 *Vortex Patches of Serfati*

10:15 – 10:25 Break

10:25 – 10:45 Phan Quang Sang (Vietnam National Univ. Agriculture)
P14 *Spectral monodromy of small non-selfadjoint perturbations of nearly integrable Hamiltonians*

10:45 – 11:05 Dang Anh Tuan (Hanoi University of Science VNU)
P15 *Lipschitz stability for inverse conductivity problem*

11:05 – 11:25 Break

Chair: Dinh Nho Hao (IMH)

11:25 – 12:05 Seung Yeal Ha (Seoul Nati. Univ.)
P16 *Mathematical Challenges of classical and quantum synchronization*

Thursday, February 23

Morning

Chair: Nguyen Thi Ngoc Oanh (Coll. Sci., Thainguyn Univ.)

9:35 – 9:55 Vu Trong Luong (Tay Bac Univ.)

P17 *Polynomial decay of mild solutions to two-term time fractional differential equations*

9:55 – 10:15 Vu Manh Toi (Thuy Loi Univ.)

P18 *Feedback control of the 3D Navier-Stokes- α equations by finite determining parameters*