

2018 Univ. of Ulsan - Fukuoka Univ. Joint Seminar

Day 2 Program

- 10:00 ~ 11:00 Introductory talks by both sides' students (20 min each)
 Dongheon Seong (B3) and **Daseul Choi** (B3)
 Erika Takigawa (M2) with Teppei Yamaguchi (M1)
- 11:00 ~ 12:00 Mathematics education and the curriculum standards
 by both sides' students (20 min each)
 Eunyoung Kim (B3) and **Hakmun Kim** (B3)
 Takashi Matsuoka (M2)
- 12:00 ~ 12:10 Coming to Ulsan is meant to become the first (10 min)
 Makoto Yamagata (B3)
- 12:10 ~ 12:30 Classification of Conic Sections in Taxicab Geometry (20 min)
 Dong Geoul Han (B4) with Yoora Kim
- 12:30 ~ 14:30 Lunch
- 14:30 ~ 15:30 Exchanging mathematical ideas performed by all students
 (7 of FU and 8 of UOU), represented by (FU) **Shiho Fukuoka** (M2) with
 Momo Miyamoto (M1) and Suina Yoshioka (M1), and by (UOU)
 Hyeon Jin Kim (B2), **Seong Hoon Yang** (B1), and **Bo Ram Jung** (B2)
- 15:30 ~16:30 Duality: A Leading Mathematical Principle
 Hyun Ho Lee (Associate Professor)
 <Abstract> Based on personal perspectives on my own journey, I would like to go
 over historical developments related to duality aspects of mathematical analysis.
 The starting point would be Fourier transform. I may show how this concrete
 idea can be amplified and proceeded in several ways to facilitate mathematical
 researches.
- 16:30 ~17:30 Discussion: Plan the joint seminar for next time.