

Italo-Korean Symposium

Advances in Kinetic Equations for Collective Phenomena and Related Models

Monday February 19th, 2024

Department of Mathematics “F. Casorati”
University of Pavia

Schedule

14:30 – 15:00 **Myeongyu Kang** (Korean Institute of Advanced Studies, Republic of Korea)
Phase-coupled Models for Synchronization with Nonlocal Temporal Interactions

15:00 – 15:30 **Andrea Bondesan** (University of Parma, Italy)
A Mesoscopic Compartmental Approach for the Modeling of Vaccine Hesitancy

15:30 – 16:00 Coffee Break

16:00 – 16:30 **Jaeyoung Yoon** (Seoul National University, Republic of Korea)
Derivation of Active Swarm model and Flocking Estimate in Micro/meso-scopic Viewpoint

16:30 – 17:00 **Jonathan Franceschi** (University of Pavia, Italy)
Many-agent Systems for Opinion Declustering over Graphon Structures

17:00 – 17:30 **Andrea Medaglia** (University of Pavia, Italy)
Uncertainty quantification and data-oriented approaches in collisional kinetic models

20:00 Social Dinner

Organising committee: Prof. Seung-Yeal Ha (Seoul National University)
Prof. Mattia Zanella (University of Pavia)

Registration is free but mandatory, to join the meeting please send an email to mattia.zanella@unipv.it



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