

Recent Advances in Nonlocal Kinetic, Fluid and Diffusive PDEs

Jeju, 19-23 August 2019

Invited Speakers

Giacomo Albi	University of Verona
Kazuo Aoki	NCKU
Stéphane Brull	Bordeaux-INP
Li Chen	Universität Mannheim
Renjun Duan	CUHK
Razvan Fetecau	SFU
Piotr Gwiazda	Polish Academy of Sciences
Seung-Yeal Ha	Seoul National University
Jan Haskovec	KAUST
Lingbing He	Tsinghua University
In-Jee Jeong	KIAS
Shi Jin	Shanghai Jiao Tong University
Kyungkeun Kang	Yonsei University
Moon-Jin Kang	Sookmyung Women's University
Yong Jung Kim	KAIST
Donghyun Lee	POSTECH
Jihoon Lee	Chung-Ang University
Peter A. Markowich	KAUST
Hideki Murakawa	Ryukoku University
Jaemin Park	Georgia Institute of Technology
Jan Peszek	University of Warsaw
Agnieszka Świerczewska-Gwiazda	University of Warsaw
Satoshi Taguchi	Kyoto University
Changhui Tan	University of South Carolina
Oliver Tse	Eindhoven University of Technology
Jinhuan Wang	Liaoning University
Li Wang	University of Minnesota
Qi Wang	SWUFE
Zhaoyin Xiang	UESTC
Tong Yang	City University of Hong Kong
Seok-Bae Yun	Sungkyunkwan University
Xiongtao Zhang	HUST

Goals

The aim of this international conference is to bring together experts in the mathematical analysis and numerical simulation of kinetic and fluid models worldwide. Fostering cross international collaboration between teams interested in different description levels of this type of models is the ultimate goal. Applications range from gas dynamics, consensus dynamics in crowds, opinions and collective motion to classical mathematical biology models as Keller-Segel type equations for chemotaxis passing by the links between kinetic, hydrodynamics and aggregation-diffusion models.

Organizers

José A. Carrillo Imperial College London
Young-Pil Choi Inha University

Conference Venue

Utop Ubless Hotel Jeju, Jeju, South Korea

Sponsor

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