

One-day Symposium 「Hydrodynamic limit and related topics」

日時：2019年12月20日(金) 9:50~16:50

場所：早稲田大学理工キャンパス 60号館3階 303 演義室

9:50-10:10 横山 聡 Satoshi Yokoyama (Waseda University)

Three different time stages in stochastic mass-conserving Allen-Cahn equation

10:15-10:35 須田 颯 Hayate Suda (University of Tokyo)

Macroscopic behaviors of stochastic harmonic chains with long-range interactions

10:40-11:00 関 澤昊 Zehao Guan (University of Tokyo)

Hydrodynamic limits of interacting particle systems on crystal lattices

11:10-11:30 林 晃平 Kohei Hayashi (University of Tokyo)

Spatial-segregation limit for interacting particle systems with two-components

11:35-11:55 興石 健太 Kenta Koshiishi (Waseda University)

Numerical simulation for two-component particle systems

12:00-12:30 永幡 幸生 Yukio Nagahata (Niigata University)

On functional central limit theorem for tagged particle dynamics in stochastic ranking process with space dependent intensities

14:20-15:00 Sunder Sethuraman (University of Arizona)

Mean curvature flow from a Zero range + Glauber system

15:10-15:40 角田 謙吉 Kenkichi Tsunoda (Osaka University)

Local replacement lemma for one-dimensional zero range processes

15:50-16:10 Patrick van Meurs (Kanazawa University)

Many-particle limit of interacting particles with an annihilation rule

16:20-16:50 Trinh Khanh Duy (Waseda University)

On Wishart processes

本研究集会は以下の科学研究費補助金の支援を受けています

基盤研究 (S) 「無限粒子系の確率解析学」 16H06338 (研究代表者・長田博文)

基盤研究 (A) 「大規模相互作用系および関連する確率偏微分方程式の研究」 18H03672
(研究代表者・舟木直久)

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