

Kyoto Winter School Feb. 9th 16:00~ Poster and Short Talk

佐野友彦 Kyoto University PhD student

“Stochastic Mean Field Model of Heat Engine Partitioned by Fluctuating Piston”

John Jairo Molina Kyoto University Assistant Professor

“Collective Dynamics of Active Particles”

芳賀大樹 Kyoto University Master student

“Non-equilibrium phase transition of nematic liquid crystal flowing in a random environment”

伊藤弘明 Kyoto University PhD student

“Quantification of septic shock on the shape fluctuation of red blood cells”

寺田裕 Kyoto University PhD student

“Search for Network Patterns by MCMC”

藪中俊介 Kyoto University PostDoc

“Self-propelled motion of a fluid droplet under chemical reaction”

白石直人 University of Tokyo PhD student

“Partial entropy production and its properties”

本郷優 University of Tokyo PhD student

“Relativistic hydrodynamic equation from quantum field theory”

山口裕樹 University of Tokyo Master student

“Stochastic Model of Homeostatic Dynamics in Tissue Differentiation”

深井洋佑 University of Tokyo Master student

“Deterministic Spatio-temporal Chaos and Stochastic Fluctuating Interface”

西口大貴 University of Tokyo PhD student

“Collective Behaviors of Spherical Janus Particles and Elongated Bacteria”

谷田桜子 University of Tokyo Master student

“Pattern Formation of Active Filaments”

多羅間充輔 University of Tokyo PhD student

“Dynamics of active deformable particle in external flow field”

Jaka Fajar Fatriansyah Hokkaido University PhD student

“Nematic Liquid Crystal under Shear Flow: Modification Fluctuation Dissipation Theorem in Non-equilibrium Steady State”

川口喬吾 University of Tokyo PhD student

“Collective dynamics of cultured neural stem cells”

Florent Bories Paris Diderot University PhD student

“Elastic interactions between transmembrane proteins with hydrophobic mismatch”

Etienne Fodor Paris Diderot University PhD student

“Energetics of active fluctuations in living cells”

Agnese Ilaria Curatolo Paris Diderot University PhD student
“Phase diagram of multi-lane driven dissipative systems”

Moritz Zehl LMU(Hong Kong Baptist University) PhD student
“Pattern Formation in Heterogeneous Motile Populations”

Jean-François Rupprecht ENS Postdoctoral Research Fellow
“What is the fastest imaging technique: NSOM vs NORM”

Nuris Figueroa Morales ESPCI - Paris 6 University PhD student
“Living on the edge: transfer and traffic of E. coli in a confined flow”

Félix GINOT Institut Lumière Matière, Lyon PhD student
“Non-equilibrium equation of state of active colloids”

Joseph d'Alessandro Institut Lumière Matière, Claude Bernard University, Lyon PhD student
“Spreading of model microcolonies of Dictyostelium discoideum cells”

Simon Merminod University Paris Diderot PhD student
“quasi-two-dimensional fluidized granular medium with long-range interactions →
order-disorder transitions quasi-two-dimensional fluidized granular medium with
long-range interactions”

Qian-Yuan Tang Nanjing University PhD student
“Scale-free Correlations and Criticality in Native State Protein Fluctuations”

Antonio Suma Scuola Internazionale Superiore di Studi Avanzati PhD student
“Phase separation and dynamical properties in an active dumbbell suspension”

Andreas Dechant Universität Erlangen-Nürnberg PostDoc
“Anomalous tracer diffusion in living cells”

Shouwen Wang Beijing Computational Science Research Center/Tsinghua University PhD Student
“The energetics for adaptation in E. coli sensory circuit”

Sebastian Fürthauer New York University PostDoc
“Phase-Synchronized State of Oriented Active Fluids”