

## Niigata kakuritsuron workshop

date: Jan 21–22

place: Tokimeito, Niigata university

organizer: Yukio NAGAHATA (Niigata university)

### Jan. 21 Thursday

10:30–10:50	齋藤昂大	2項モデルのパラメータ推定
11:00–11:50	Kenkichi Tunoda	Derivation of Stefan problem and large deviation principles for lattice gas
Lunch		
13:30–14:20	Yuuki Chino	The random pinning model on renewal set
14:30–15:20	Nobuo Yoshida	Survival rate for a random walk in disastrous environment
15:30–16:20	Jean-Dominique Deuschel	Quenched invariance principle for random walk in dynamical balanced environment

### Jan. 22 Friday

9:30–10:20	Yoshihiro Abe	Extremes of local times for simple random walks on symmetric trees
10:30–11:20	Seiichiro Kusuoka	Continuity and Gaussian two-sided bounds of the density functions of the solutions to path-dependent stochastic differential equations via perturbation
Lunch		
13:10–14:00	Kohei Suzuki	Convergence of Brownian motions on metric measure spaces satisfying Riemannian Curvature-Dimension condition
14:10–15:00	Shin-ichiro Takazawa	The strong law of large numbers that a finite number of strategies weakly forces in the unbounded forecasting game
15:10–16:00	Kotaro Tadaki	An operational characterization of the notion of probability by algorithmic randomness II