

Topics on random media

GCOE mini-workshop

Organizer: T. Kumagai (Kyoto)

DATES: September 14 (Mon.) – 15 (Tue.), 2009

PLACE: Room 110, Bldg. No 3, Department of Math., Kyoto University

Program

September 14 (Mon.)

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|-------------|--|
| 10:00–10:50 | A. Bovier (University of Bonn)
Aging in mean field spin glasses |
| 10:50–11:10 | Tea Break |
| 11:10–12:00 | H. Osada (Kyushu University)
An equality on Ginibre random point field and tagged particles of
interacting Brownian motions with 2D Coulomb potentials |
| 13:30–14:00 | D. Shiraishi (Kyoto University)
Exact value of the resistance exponent for four dimensional random walk trace |
| 14:10–15:00 | Y. Shiozawa (Okayama University)
Localization for branching Brownian motions in random environment with extinction |
| 15:00–15:20 | Tea Break |
| 15:20–16:10 | M. Sasada (University of Tokyo)
Hydrodynamic limit for an evolutionary model of 2D Young diagrams |
| 16:10–17:00 | Open problems and Discussions |

September 15 (Tue.)

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| 10:00–10:50 | J.-D. Deuschel (TU-Berlin)
Profile convergence of a gradient interface model with non convex potential |
| 10:50–11:10 | Tea Break |
| 11:10–12:00 | N. Yoshida (Kyoto University)
Branching Random Walks in Random Environment:
Survival Probability and Growth Rates |
| 13:30–14:00 | M. Nakashima (Kyoto University)
Central Limit Theorem for Branching Random Walk in Random Environment |
| 14:10–15:00 | T. Nishikawa (Nihon University)
Hydrodynamic limit for the interface model with general potentials |
| 15:00–15:20 | Tea Break |
| 15:20–16:10 | Y. Nagahata (Osaka University)
Localization for a class of linear systems |
| 16:10–17:00 | Open problems and Discussions |