

JAPAN NETHERLANDS WORKSHOP
PROBABILISTIC METHODS IN STATISTICAL MECHANICS OF RANDOM
MEDIA

FRANK DEN HOLLANDER, TOMOYUKI SHIRAI, EVGENY VERBITSKIY

1. SCHEDULE (17/05/2019))

Monday, May 27 (Oort):

09:00 - 09:45	Arrival and Registration
09:45 - 10:00	Openning
10:00 - 10:30	Takashi Kumagai <i>Quenched and averaged tails of the heat kernel of the two-dimensional uniform spanning tree</i>
10:30 - 11:00	Aernout van Enter <i>One-sided versus two-sided stochastic processes</i>
11:00 - 11:30	Coffee break
11:30 - 12:00	Naoki Kubota <i>Continuity of the rate function for the simple random walk on percolation clusters</i>
12:00 - 14:00	Lunch
14:00 - 14:30	Richard Kraaij <i>Fluctuations for a dynamic Curie-Weiss model of self-organized criticality</i>
14:30 - 15:00	Kiyotaka Suzaki <i>A limit theorem for persistence diagrams for random filtered complexes built over marked point processes</i>
15:00 - 15:30	Coffee and tea break
15:30 - 16:00	Julia Komjathy <i>How to stop explosion by penalising transmission to hubs?</i>
16:00 - 16:30	Margriet Oomen <i>Spatial populations with seed-bank</i>
16:30 - 19:00	Wine and cheese party

Tuesday, May 28 (Oort)

09:30 - 10:00	Frank Redig <i>Consistent permutation invariant particle systems</i>
10:00 - 10:30	Makoto Katori <i>Quantum surface with marked boundary points and multiple SLE driven by Dyson model</i>
10:30 - 11:00	Coffee break
11:00 - 11:30	Daisuke Shiraishi <i>Scaling limit of uniform spanning tree in three dimensions</i>
11:30 - 12:00	Wioletta Ruszel <i>Emergence of interfaces</i>
12:00 - 14:00	Lunch
14:00 - 14:30	Kenichi Tsunoda <i>Scaling limits for Glauber-Kawasaki processes</i>
14:30 - 15:00	Daniel Valesin <i>Exponential rate for the contact process extinction time</i>
15:00 - 15:30	Coffee
15:30 - 16:00	Janusz Meylahn <i>Hierarchical synchronization with the noisy Kuramoto model</i>
17:00 - 18:00	Bibliotheca Thysiana tour for participants from Japan [Link]
18:30 -	Self organized drinks & dinner (city center)

Wednesday, May 29 (Oort)

09:30 - 10:00	Ryoki Fukushima <i>Annealed random walk among Bernoulli obstacles</i>
10:00 - 10:30	Luca Avena <i>Sinai walk in cooling random environments</i>

10:30 - 11:00	Coffee break
11:00 - 11:30	Yoshihiro Abe <i>Exceptional points of two-dimensional random walks at multiples of the cover time</i>
11:30 - 12:00	Yuki Tokushige <i>The differentiability of the speed of biased RWs on Galton-Watson trees</i>
12:00 - 14:00	Lunch
14:00 - 14:30	Izumi Okada <i>Exponents for high points of simple random walks in two dimensions</i>
14:30 - 15:00	Shota Osada <i>Tree representations of determinantal point processes and Ornstein's isomorphism theory</i>
15:00 - 15:30	Coffee
15:30 - 16:00	Liza Arzhakova <i>Tropical limits of decimated actions</i>
16:00 - 17:00	Brainstorming session

Thursday, May 30 (Snellius):

09:30 - 10:00	Alessandra Cipriani <i>Scaling limits of Gaussian random interfaces</i>
10:00 - 10:30	Makoto Nakashima <i>Random pinning model related to directed polymers in random environment</i>
10:30 - 11:00	Coffee Break
11:00 - 11:30	Shuta Nakajima <i>Central limit theorems in directed polymers</i>
11:30 - 12:00	Wouter Kager <i>The signed loop method for the 2d Ising model</i>
12:00 - 13:00	Lunch
13:00 - 17:00	Leiden Tour
17:30 - 21:30	Boat trip & Conference dinner

Friday, May 31 (Snellius):

09:30 - 10:00	Akira Sakai <i>Finding optimal solutions by stochastic cellular automata (SCA)</i>
10:00 - 10:30	Eric Cator <i>Attractiveness of Brownian queues in tandem</i>
10:30 - 11:00	Coffee Break
11:00 - 11:30	Bruno Fukushima Kimura <i>TBA</i>
11:30 - 12:00	Hirofumi Osada <i>Diffusion in Coulomb environment and a phase transition</i>
12:00 - 13:00	Lunch
13:00 - 14:00	Brainstorming