Dagstuhl-Seminar: Logic and Random Discrete Structures

Monday

9:00	Opening and Introductions	
9:30	Albert Atserias	On certifying the chromatic number of a random graph
10:30		Coffee
11:00	Manuel Bodirsky	The Almost-Sure Theories of Classes Defined by Forbidden Homomorphisms
12:00		Lunch
14:00	Val Goranko (R)	The modal logic of almost sure frame validities in the finite
	Maksim Zhukovskii (R)	Limit laws for existential monadic second order logic
15:30		Cake
16:00	Lefteris Kirousis (R)	An alternative proof of the Lovász Local Lemma
	Daniel Král (R)	Quasirandom combinatorial structures

Tuesday

9:15	Fiona Skerman (R)	Partially observing graphs - when can we infer underlying community structure?
10:30		Coffee
11:00	Andrei Bulatov	Heavy-tailed distributions for Random SAT
	Valentin Feray	Convergence law for random permutations
12:00		Lunch
14:00	Isolde Adler	Logic and property testing on graphs of bounded degree
	Marc Noy	Limiting probabilities of first order properties of random sparse graphs and hypergraphs
15:30		Cake
16:00	Tobias Müller	Logical limit laws for Mallows random permutations
	Peter Rossmanith	On first order model checking on Erdős-Rényi graphs

Wednesday

9:15	Dan Suciu	Probabilistic Databases
10:30		Coffee
11:00	Benny Kimelfeld	Explaining Query Answers through Probabilistic Databases
	Peter Lindner	Probabilistic Query Evaluation with Bag Semantics
12:00		Lunch

Thursday

9:15	Patrice Ossona de Mendez (R)	Limits of Graphs
10:30		Coffee
11:00	Matthias Naaf	0-1 laws and almost sure valuations for first-order logic in semiring semantics
	Oleg Pikhurko	Moser-Tardos Algorithm with small number of random bits
12:00		Lunch
14:00	Batya Kenig (R)	The Repeated Insertion Model (RIM): Probabilistic Inference and Applications
	Sudeepa Roy (R)	Repairs, Measures, and Complexity for Constraints Violations in Databases
15:30		Cake
16:00	Szymon Torunczyk (R)	Ordered graphs of bounded twin-width