

Schedule Dagstuhl Seminar 15261 "Logics for Dependence and Independence"

Monday, June 22

9.00h Opening/Introduction  
10.15h Coffee break  
10.45h Jouko Väänänen and Juha Kontinen, Dependence Logic  
12.15h Lunch and Break  
15.00h Bernhard Thalheim, Database Constraints – A Survey (Part 1)  
16.00h Break  
17.00h Ilya Shpitser, Causal inference  
18.00h Dinner

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Tuesday, June 23

9.00h Lauri Hella, Modal dependence logic  
10.00h Coffee break  
10.30h Lauri Hella, Modal dependence logic  
11.00h Åsa Hirvonen, Independence in model theory  
11.30h Arne Meier, Parallel Computational Tree Logic  
12.15h Lunch and Break  
15.00h Kerkko Luosto, Dimension theory for modal logics  
15.30h Gianluca Paolini, Measure teams  
16.00h Break  
16.30h Ivanio Ciardelli, Dependency as Question Entailment  
17.30h Olaf Beyersdorff, Proof complexity of QBF  
18.00h Dinner

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Wednesday, June 24

9.00h Antti Hyttinen, Statistical Independence, Causality and Constraint Satisfaction  
10.00h Antti Kuusisto, Propositional dependence logic via Kripke semantics  
10.30h Coffee break  
11.00h Bernhard Thalheim, Database Constraints – A Survey Part 2  
12.00h Lunch and Break  
13.45h Hike/Free afternoon  
18.00h Dinner

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Thursday, June 25

9.00h Johanna Stumpf, Modal inclusion logic  
9.30h Sebastian Link, Dependence-driven, non-invasive data cleaning

10.00h Jonni Virtema, Complexity of Propositional Independence and Inclusion Logic  
10.30h Coffee break  
11.00h Alex Simpson, Sheaf semantics for independence logics  
12.15h Lunch and Break  
14.45h Phokion Kolaitis, The Query Containment Problem: Set Semantics vs. Bag Semantics  
15.30h Katsuhiko Sano, Characterizing Frame Definability in Team Semantics via The Universal Modality  
16.00h Break  
16.30h Raine Rönholm, Expressing properties of teams in k-ary inclusion-exclusion logic  
17.00h Julian Bradfield, The structure of choices in boolean games  
17.30h Fan Yang, Some proof theoretical results on propositional logics of dependence and independence  
18.00h Dinner

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Friday, June 26

9.00h Erich Grädel, Counting in team semantics  
9.30h Fredrik Engström, Generalized quantifiers and Dependence Logic  
10.00h Coffee break  
10.30h Miika Hannula, Axiomatizing dependencies in team semantics  
11.00h Dietmar Berwanger, An NL-fragment of inclusion logic  
11.30h Nicolas de Ruyg-Altherre, Tractability Frontier of Data Complexity in Team Semantics  
12.00h Closing  
12.15h Lunch