

Schedule Dagstuhl Seminar 19031 "Logics for Dependence and Independence"

Monday 14.1.2019

9.00h Opening
10.00h Coffee
10.30h Miika Hannula: Team semantics
12.00h Lunch
15.30h Coffee
16.00h Val Tannen: Provenance
17.00h Dan Suciu: Probabilistic databases

Tuesday 15.1.2019

9.00h Meghyn Bienvenu: Constraints in ontology based databases
10.00h Coffee
10.30h David Pym: Resource semantics
11.30h Magdalena Ortiz: Complete and incomplete information in knowledge- enriched databases
12.00h Lunch
15.30h Coffee
16.00h Jef Wijsen: Database repairs
17.00h Benny Kimelfeld: Complexity Classifications of Functional Dependencies in Database Repairing
17.30h Erich Grädel: Semiring Provenance for Logics with Team Semantics

Wednesday 16.1.2019

9.00h Jouko Väänänen: An atom's worth of anonymity
9.30h Raine Rönholm: On the expressive power of anonymity atoms
10.00h Coffee
10.30h Henri Prade: Various forms of independence in possibility theory: An overview
11.00h Yasir Mahmood: Initial Steps into Parametrised Complexity of Dependence Logic
11.30h Mathias Hoelzel: Dependency Concepts up to Equivalence
12.00h Lunch
14.00h Hike

Thursday 17.1.2019

9.00h Leopoldo Bertossi: Variations on a Causality Theme in Data Management
9.30h Richard Wilke: Logics with Multiteam Semantics
10.00h Coffee
10.30h Jonni Virtema: Probabilistic team semantics
11.00h Fan Yang: Propositional Union Closed Team Logics
11.30h Joachim Biskup: Set-valued Dependence versus Value Independence and Inferences in Pure Flat Attribute Universes for Relational Database Schema Design

12.00h Lunch

15.30h Coffee

16.00h Bernd Finkbeiner: Temporal Logics for Hyperproperties

16.30h Bernhard Thalheim: Holistic treatment of syntax and semantics

17.00h Eric Pacuit: Reasoning about dependence and independence in aggregation problems

17.30h Jan Van Den Bussche: Expressive power of matrix operations

Friday 18.1.2019

9.00h Dietmar Berwanger: Inclusion Logic and NLogSpace

9.30h Short talk

10.00h Coffee

10.30h Open problems and perspectives

12.00h Lunch