

Schedule Dagstuhl Seminar 13071 "Dependence Logic: Theory and Applications"

Monday, Feb 11

9.00h Opening/Introduction

10.15h Coffee break

10.45h Jouko Väänänen, Dependence Logic

12.15h Lunch and Break

15.00h Erich Grädel, Logics with team semantics and second-order reachability games

16.00h Break

16.30h Philip Dawid, Conditional Independence and Irrelevance

18.00h Dinner

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Tuesday, Feb 12

9.00h Pietro Galliani, Definability Issues in Team Semantics

10.15h Coffee break

10.45h Phokion Kolaitis, Foundations and Applications of Schema Mappings

12.15h Lunch and Break

14.30h Samson Abramsky, From Quantum Mechanics to Logic, Databases, Constraints, Complexity and Beyond

16.00h Break

16.30h Georg Gottlob, From Local Hidden Variables in Quantum Mechanics to Robust Colorability and Satisfiability

18.00h Dinner

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Wednesday, Feb 13

9.00h Sebastian Link, Dependence, Independence, Logic

10:00h Panayiota Constantinou, Extended Conditional Independence

10.30h Coffee break

11.00h Eric Pacuit, Dependence and Independence in Social Choice Theory

12.15h Lunch and Break

13.30h Hike/Free afternoon

18.00h Dinner

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Thursday, Feb 14

9.00h Wilfrid Hodges, Compositionality: Its history and formalism

10:00h Fan Yang, Uniform definability in propositional dependence logic

10:30h Coffee break

11.00h Pierfrancesco La Mura, A double-slit experiment for non-classical interference effects in decision-making

12.15h Lunch and Break

15.00h Julian Bradfield, Concurrency, causality and dependency

16.00h Break

16.30-17.00h Miika Hannula, Axiomatizing first-order consequences in independence logic

18.00h Dinner

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Friday, Feb 15

9.00h Andreas R. Blass, Introduction to Secret Sharing

10.00h Coffee break

10.30h Arnaud Durand, Complexity issues in dependence logic

11.00h Closing

12.15h Lunch