

CIRCUITS, LOGIC, AND GAMES (10061), Schedule:

** Mon 08.02.

9.00h: Opening

9.30h: Meena Mahajan, Valiant's classes

10.30h: Coffee Break

11.00h: Lauri Hella, Regular representations of uniform TC⁰

11.30h: Kristoffer Arnsfelt Hansen, Exact Threshold Circuits

12.15h: Lunch

15.00h: Samir Datta, Topological restrictions of various graph/circuit problems

15.45h: Coffee break

16.15h: Peter Bro Miltersen, Winning concurrent reachability games requires doubly-exponential patience

17.00h: Olaf Beyersdorff, Proof complexity of default logic

18.00h: Dinner

** Tue 09.02.

9.00h: Jean-Eric Pin, A topological approach to recognition

10.00h: Coffee Break

10.30h: Jan van den Busche, Expressiveness hierarchy within F⁰³ through relation algebra

11.00h: Nicole Schweikardt, Addition-invariant F⁰ and regularity

11.30h: Wolfgang Thomas, Separating weak from strong monadic theories

12.15h: Lunch

15.00h: Klaus-Jörn Lange, An algebraic approach: the infinite case

16.00h: Coffee break

16:30h: Andreas Krebs, Infinite algebras: the 2-variable case

17.30h: Michael Thomas, Complexity of fragments of autoepistemic logic

18.00h: Dinner

** Wed 10.02.

9.00h: Jouko Väänänen, Dependence logic

10.30h: Coffee Break

11.00h: Juha Kontinen, Definability in dependence logic

11.30h: Peter Lohmann, Satisfiability in modal dependence logic

12.00h: Lunch

14.00h: Hike

16.00h: Coffee

18.00h: Dinner

CIRCUITS, LOGIC, AND GAMES (10061), Schedule:

** Thu 11.02.

9.00h: Kousha Etessami, The computational complexity of Nash and other equilibria and fixed points of algebraic functions

10.30h: Coffee Break

11.00h: Raghavendra Rao B.V., Faster algorithms for finding and counting subgraphs

11.30h: Srikanth Srinivasan, The help functions problem for Boolean circuits

12.15h: Lunch

15.00h: Jan Johannsen, Lower bounds for width-restricted clause learning

16.00h: Coffee break

16.30h: Nicola Galesi, The strength of treelike parameterized resolution

17.00h: Luc Segoufin, Characterization of logics on trees

17.30h: Arkadev Chattopadhyay, Linear systems over composite moduli

18.00h: Dinner

** Fri 12.02.

9.00h: Michal Koucky, A new characterization of ACC^0 and probabilistic CC^0

9.30h: Pavel Pudlak, First-order sentences and polynomial search problems

10.00h: Coffee Break

10.30h: Benjamin Rossman, Lower bounds for k-clique on random graphs

11.00h: Christoph Behle, Low circuit uniformity

11.30h: Thomas Schwentick, The dynamic complexity of regular languages

12.00h: Closing of seminar

12.15h: Lunch