

Dagstuhl Seminar 13422, 13–16 October 2013
Nominal Computation Theory

Mikolaj Bojanczyk Bartek Klin Alexander Kurz Andrew Pitts

Preliminary Schedule

Monday 14 October

0900-1000 Andrew Pitts *Nominal Sets: introduction & survey* (tutorial)

1000-1030 break

1030-1100 Christian Urban, *tba*

1115-1215 Mikolaj Bojanczyk, *Orbit-finiteness* (tutorial)

1215-1345 lunch

1345-1415 Andreas Blass, *Set-theoretic aspects of orbit-finiteness*

1430-1530 Bartek Klin, *Programming in nominal sets* (tutorial)

1530-1615 coffee and cake

1615-1645 Sławomir Lasota, *Timed automata*

1650-1720 Ranko Lazic, *Nominal Nets*

1725-1755 Thomas Colcombet, *tba*

Tuesday 15 October

0900-1000 Nikos Tzevelekos, *tba* (tutorial)

1015-1045 Andrzej Murawski, *tba*

1045-1100 break

1100-1130 Jamie Gabbay, *Nominal duality theory for new, forall, and lambda*

1145-1215 Roy Crole, *Nominal Lambda Calculus*

1215-1345 lunch

1345-1415 James Cheney, *Nominal Logic Programming*

1430-1500 Tomoyuki Suzuki, *Nominal Automata and Regular Expressions*

1500-1600 coffee break

1600-1630 Anuj Dawar, *Symmetric Circuits and Fixed-Point Logics*

1645-1715 Szymon Toruńczyk, *Turing Machines with Atoms*

Wednesday 16 October

0900-0930 Ugo Montanari, *Named Graphs and HD Automata for Network-Conscious π -Calculus*

0945-1015 Steffen Lösch, *Concurrent Domain Theory with Nominal Sets*

1015-1030 break

1030-1100 Vincenzo Ciancia, *Nominal Muller automata*

1115-1145 Daniela Petrisan, *On Orbit finiteness and Limits in Nominal Sets*

1145-1215 Closing discussion

1215- lunch