## Monday 28 September 2015

09:00-10:30 Introduction session, followed by
Thomas Colcombet
Combinatorial Expressions and Lower Bounds
10:30-11:00 Coffee
11:00- Charles Paperman
Finite-Degree Predicates and Two-Variable First-Order Logic
Kamal Lodaya
Unary temporal logic and two-variable FO logic with threshold counting

12:15 Lunch
15:30 Cake
16:00- Thomas Zeume
Small Dynamic Complexity Classes
Anish Mukherjee
Dynamic Complexity of Reachability and Related Problems
Nils Vortmeier
Static Analysis for Logic-Based Dynamic Programs
18:00 Dinner

## Tuesday 29 September 2015

09:00-10:00 Martin Grohe
Color Refinement
10:30- Christoph Berkholz
Limitations of Algebraic Approaches to Graph Isomorphism Testing

Michael Elberfeld
Canonizing Graphs of Bounded Tree Width in Logspace
Sebastian Siebertz
On the generalised colouring numbers of proper minor closed classes

16:00-17:00 Anuj Dawar
Lower Bounds for Symmetric Circuits
17:10-18:00 Dimitri Surinx
Converse elimination in the algebra of binary relations
Aiswarya Cyriac
Model checking distributed algorithms against propositional dynamic logic with data

Wednesday 30 September 2015

09:00-10:00 Nutan Limaye
Arithmetic Circuit Lower Bounds
10:30- $\quad$ V Raghavendra Rao
An exponential lower bound for the sum of products read once formulas

Stefan Mengel
A Strongly Exponential Separation of DNNFs from CNF Formulas

Jan Johannsen
Backdoors into two occurrences

## Thursday 1 October 2015

| 09:00-10:00 | Olaf Beyersdorff <br> Lower bounds: from circuits to QBF proof systems |
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| 10:30-11:30 | A. V. Sreejith <br> Crane Beach conjecture and modulo counting quantifiers <br>  <br>  <br>  <br>  <br> Anca Muscholl <br> Word transducers: from 2-way to 1-way |
| 11:30-11:45 | Michael Wagner (DBLP) <br> About DBLP |
| 16:00-17:00 | Jean-Eric Pin <br> AC |
|  | on words. first order logic, a new approach based on ultrafilters |
|  | Klaus-Jörn Lange <br> Quantifying over tuples with algebra - the multidimensional <br> blockproduct |
| $17: 10-18: 00$ | Open problems |

[^0]09:00-10:30 Meena Mahajan
QBF Resolution: How important is width?
Rohit Gurjar
Bipartite matching is in Quasi-NC.
Michaël Cadilhac
Transductions: From circuits to continuity
11:00-12:00 Free Slots


[^0]:    Friday 2 October 2015

