

### Program for Saturday 2015-01-31

| <b>Time</b> | <b>Name</b>                  | <b>Affiliation</b>                             | <b>Talk title</b>   |
|-------------|------------------------------|--|---|
| 9:00        | Invited talk: J. Radoszewski | University of Warsaw                           | Repetitions in labeled trees  |
| 10:00       | break                        |  |   |
| 10:30       | Jakub Łacki                  | University of Warsaw                           | Optimal Decremental Connectivity in Planar Graphs   |
| 10:47       | Anna Zych                    | University of Warsaw                           | The Power of Dynamic Distance Oracles: Efficient Dynamic Algorithms for the Steiner Tree  |
| 11:04       | Arkadiusz Socała             | University of Warsaw                           | Tight lower bound for the channel assignment problem.                                     |
| 11:21       | Krzysztof Rządca             | Institute of Informatics, University of Warsaw | Partition with side effect  |
| 11:38       | Klara Zielińska              | University of Wrocław                          | Types by automata   |
| 11:55       | Filip Murlak                 | University of Warsaw                           | Consistency of Injective Tree Patterns  |
| 12:12       | Aleksy Schubert              | Institute of Informatics, University of Warsaw | On the Mints Hierarchy in First-Order Intuitionistic Logic                                |
| 12:29       | Jerzy Tyszkiewicz            | Institute of Informatics, University of Warsaw | Spreadsheets - theoretically  |
| 12:46       | lunch                        |  |   |
| 13:45       | Invited talk: M. Kozik       | Jagiellonian University                        | TBA   |
| 14:45       | break                        |  |   |
| 14:55       | Piotr Witkowski              | University of Wrocław                          | Two-variable logic with counting and linear orders.                                       |
| 15:12       | Adam Witkowski               | University of Warsaw                           | Datalog and data trees.   |
| 15:29       | Maciej Zielenkiewicz         | University of Warsaw                           | On multiply-exponential write-once Turing machines  |
| 15:46       | Szymon Toruńczyk             | University of Warsaw                           | Orbit-finite Constraint Satisfaction Problems   |
| 16:03       | coffee break                 |  |   |
| 16:35       | Dariusz Leniowski            | University of Warsaw                           | Online bipartite matching in offline time   |
| 16:52       | Łukasz Kowalik               | University of Warsaw                           | A 13k-kernel for Planar Feedback Vertex Set via Region Decomposition                      |
| 17:09       | Karol Kosiński               | Jagiellonian University                        | The game of overlaps  |
| 17:26       | Hans de Nivelle              | University of Wrocław                          | Matching Algorithms   |
| 17:43       | Magdalena Ryczkowska         | Nicolaus Copernicus University                 | Design and selected applications of the PCJ Library. Joint talk with Łukasz Górski        |
| 18:00       | Jarosław Duda                | affiliation not declared                       | Asymmetric Numeral Systems as accurate replacement for Huffman coding                     |
| 18:17       | Jolanta Tańcula              | Uniwersytet Opolski                            | Stability of computer network for the set delay   |
| 18:34       | Bartosz Rybicki              | Uniwersytet Wrocławski                         | An Improved Approximation for k-Median, and Positive Correlation in Budgeted Optimization |