

DCFS 2010 Program

The technical program and the welcome party will be held in room 155 of the Geology Building. Registration will take place directly outside that room.

Saturday August 7 2010

16:00-19:00 Welcome Reception and Registration

Sunday August 8 2010

8:30-9:15	Registration
9:15-9:30	Opening
9:30-10:30	Invited Speaker Ming Li: chair: Giovanni Pighizzini <i>The Incompressibility Argument</i>
10:30-11:00	Coffee Break
11:00-11:30	Yuan Gao, Kai Salomaa, Sheng Yu: chair: Jacques Sakarovitch <i>Transition Complexity of Incomplete DFAs</i>
11:30-12:00	Emilie Charlier, Narad Rampersad, Michel Rigo, Laurent Waxweiler: <i>State Complexity of Testing Divisibility</i>
12:00-13:30	Lunch
13:30-14:30	Invited Speaker Stavros Konstantinidis: chair: Janusz Brzozowski <i>On Formal Descriptions of Code Properties</i> , with Krystian Dudzinski
14:30-15:00	Coffee Break
15:00-15:30	Lila Kari, Afroza Rahman: chair: Kai Salomaa <i>Ciliate Gene Unscrambling with Fewer Templates</i>
15:30-16:00	Bianca Truthe: <i>On the Descriptive Complexity of Limited Propagating Lindenmayer Systems</i>
16:00-16:30	Jürgen Dassow, Florin Manea: <i>Accepting Hybrid Networks of Evolutionary Processors with Special Topologies and Small Communication</i>
16:30-17:00	Rudolf Freund, Marian Kogler, Yurii Rogozhin, Sergey Verlan: <i>Graph-Controlled Insertion-Deletion Systems</i>

Monday August 9 2010

9:00-10:00	Invited Speaker Detlef Wotschke: chair: Ludwig Staiger <i>Remembering Chandra Kintala</i> , with Martin Kappes and Andreas Malcher
10:00-10:30	Coffee Break
10:30-11:00	Ronny Polley, Ludwig Staiger: chair: Andreas Malcher <i>The Maximal Subword Complexity of Quasiperiodic Infinite Words</i>
11:00-11:30	Xiaoxue Piao, Kai Salomaa: <i>Transformations Between Different Types of Unranked Bottom-Up Tree Automata</i>
11:30-12:00	Xiaoxue Piao, Kai Salomaa: <i>Operational State Complexity of Deterministic Unranked Tree Automata</i>
12:00-13:30	Lunch
13:30-21:30	Bus to excursion at Wanuskewin Heritage Park and dinner at the Willows Golf and Country Club

Tuesday August 10 2010

9:00-10:00	Invited Speaker Przemyslaw Prusinkiewicz: chair: TBA <i>L-systems in Geometric Modeling</i>
10:00-10:30	Coffee Break
10:30-11:00	Janusz Brzozowski, Baiyu Li, Yuli Ye: chair: Jeffrey Shallit <i>On the Complexity of the Evaluation of Transient Extensions of Boolean Functions</i>
11:00-11:30	Zoltan Ésik: <i>Representing small ordinals by finite automata</i>
11:30-12:00	Cristian Calude, Kai Salomaa, Tania Roblot: <i>Finite State Complexity and the Size of Transducers</i>
12:00-13:30	Lunch
13:30-14:00	Bo Cui, Yuan Gao, Lila Kari, Sheng Yu: chair: Zoltan Ésik <i>State Complexity of Catenation Combined with Star and Reversal</i>
14:00-14:30	Markus Holzer, Sebastian Jakobi, Martin Kutrib: <i>The Magic Number Problem for Subregular Language Families</i>
14:30-15:00	Coffee Break
15:00-15:30	Ondřej Klíma, Libor Polák: chair: Martin Kutrib <i>Descriptive Complexity of the Languages KaL: Automata, Monoids and Varieties</i>
15:30-16:00	Nelma Moreira, Davide Nabais, Rogerio Reis: <i>State Elimination Ordering Strategies: Some Experimental Results</i>
16:00-16:20	Yo-Sub Han, Kai Salomaa: <i>Nondeterministic State Complexity for Suffix-Free Regular Languages</i>
16:20-16:40	Galina Jirásková, Monika Krausová: <i>Complexity in Prefix-Free Regular Languages</i>
16:40-17:15	Business Meeting, Introduction to DCFS 2011 in Giessen, Germany by Martin Kutrib, and Closing of DCFS 2010