

SIROCCO 2017
 June 19-22, 2017, Porquerolles, France
Conference Program

Monday, 19 June 2017

18:00 Welcome reception
 19:30-20:50 Dinner

Tuesday, 20 June 2017

Session 1 *chair: Sébastien Tixeuil*

8:30 Conference opening note
 8:45 **Keynote lecture: Ignorance is Bliss (for Proving Impossibility). Faith Ellen, University of Toronto**
 9:40 Blanchard Peva and Rachid Guerraoui On The Smallest Grain of Salt to Get a Unique Identity

10:05-10:30 *coffee break*

Session 2 *chair: Arnaud Labourel*

10:30 Rafail Ostrovsky, Mor Perry, and Will Rosenbaum Space-Time Tradeoffs for Distributed Verification
 10:55 Keren Censor-Hillel, Ami Paz, and Mor Perry Approximate Proof-Labeling Schemes
 11:20 Barun Gorain and Andrzej Pelc Short Labeling Schemes for Topology Recognition in Wireless Tree Networks
 11:45 Mikaël Rabie Global Versus Local Computations: Fast Computing with Identifiers

12:10-13:30 *lunch break*

Session 3 *chair: Jérémie Chalopin*

14:00 **Keynote lecture: Amoebots and beyond: Models and Approaches for Programmable Matter. Christian Scheideler, University of Paderborn**
 15:00 Yann Disser, Frank Mousset, Andreas Noever, Nemanja Skoric, and Angelika Steger A General Lower Bound for Collaborative Tree Exploration
 15:25 Karol Gotfryd, Marek Klonowski, and Dominik Pajak On Location Hiding in Distributed Systems

15:50-16:15 *coffee break*

Session 4 *chair: Dariusz Dereniowski*

16:15 Sebastian Brandt, Klaus-Tycho Förster, Benjamin Richner, and Roger Wattenhofer Wireless Evacuation on m Rays with k Searchers
 16:40 Jurek Czyzowicz, Konstantinos Georgiou, Maxime Godon, Evangelos Kranakis, Danny Krizanc, Wojciech Rytter, and Michal Włodarczyk Evacuation from a Disc in the Presence of a Faulty Robot

17:05-17:15 *short pause*

17:15 **Celebration: “60th birthday of Andrzej Pelc”**, followed by business meeting

19:30-20:50 Dinner

Wednesday, 21 June 2017

Session 5		<i>chair: Andrzej Pelc</i>
8:30	SIROCCO 2017 award lecture: Online and approximation algorithms for optical networks and scheduling. Shmuel Zaks, Technion	
9:30	Best paper presentation: Magnus M. Halldorsson, Stephan Holzer, and Evangelia Anna Markatou	Leader Election in SINR Model with Arbitrary Power Control
9:55-10:20	<i>coffee break</i>	
Session 6		<i>chair: Yann Disser</i>
10:20	Tomasz Jurdzinski, Michał Rózański, and Grzegorz Stachowiak	Token Traversal in Ad Hoc Wireless Networks via Implicit Carrier Sensing
10:45	Yoav Rodeh and Amos Korman	Parallel Search with no Coordination
11:10	François Bonnet, Quentin Bramas, Xavier Défago, and Thanh Dang Nguyen	Killing Nodes as a Countermeasure to Virus Expansion
11:35	Lata Narayanan and Kangkang Wu	How to choose friends strategically
12:00-13:15	<i>lunch break</i>	
13:30-15:30	Boat excursion	
19:30-21:00	Conference banquet dinner	

Thursday, 22 June 2017

Session 7		<i>chair: Shantanu Das</i>
9:00	Keynote lecture: The many Faces of Clock Synchronization. Christoph Lenzen, Max Planck Institut Saarbrücken	
10:00	Magnus M. Halldorsson and Christian Konrad	Improved Distributed Algorithms for Coloring Interval Graphs with Application to Multicoloring Trees
10:25-10:50	<i>coffee break</i>	
Session 8		<i>chair: Emmanuel Godard</i>
10:50	Arnaud Casteigts, Ralf Klasing, Yessin M. Neggaz, and Joseph G. Peters	A Generic Framework for Computing Parameters of Sequence-based Dynamic Graphs
11:15	Giuseppe Antonio Di Luna, Paola Flocchini, Linda Pagli, Giuseppe Prencipe, Nicola Santoro and Giovanni Viglietta	Gathering in Dynamic Rings
11:40	Alexander Spiegelman and Idit Keidar	On Liveness of Dynamic Storage
12:10-13:30	<i>lunch break</i>	
Session 9		<i>chair: Ralf Klasing</i>
13:50	Laurent Feuilloley	How Long It Takes for an Ordinary Node with an Ordinary ID to Output?
14:15	Davide Bilò, Feliciano Colella, Luciano Gualà, Stefano Leucci, and Guido Proietti	Effective Edge-Fault-Tolerant Single-Source Spanners via Best (or Good) Swap Edges
14:40	Pascal Bemmman, Felix Biermeier, Jan Bürmann, Arne Kemper, Till Knollmann, Steffen Knorr, Nils Kothe, Alexander Mäcker, Manuel Malatyali, Friedhelm Meyer Auf der Heide, Sören Riechers, Johannes Schaefer, and Jannik Sundermeier	Monitoring of Domain-Related Problems in Distributed Data Streams
15:05	Conference closing remarks	