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Seth Gilbert · Danny Hughes
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Algorithms for Sensor Systems

14th International Symposium on Algorithms and Experiments
for Wireless Sensor Networks, ALGOSENSORS 2018
Helsinki, Finland, August 23–24, 2018
Revised Selected Papers

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Preface

The 14th International Symposium on Algorithms and Experiments for Wireless Networks was held during August 23–24, 2018 at Helsinki, Finland.

AlgoSensors is an international symposium dedicated to the algorithmic aspects of wireless networks. Originally focused on sensor networks, it now covers algorithmic issues arising in wireless networks of all types of computational entities, static or mobile, including sensor networks, sensor-actuator networks, and autonomous robots. The focus is on the design and analysis of algorithms, models of computation, and experimental analysis.

AlgoSensors 2018 was organized as part of ALGO 2018, which also hosts AlgoCloud, ATMOS, ESA, IPEC, WABI, and WAOA. Submissions were sought in all areas of wireless networking, broadly construed, including both theoretical and experimental perspectives.

AlgoSensors 2018 received a total of 39 submissions. Although they were treated in a unified manner, there were two tracks for submissions: algorithms (30 submissions) and experiments (nine submissions). After a rigorous and thorough review process by our Program Committee of international experts, 15 papers were accepted for the final program (12 from algorithms submissions and three from the experimental submissions).

We would like to thank all the TPC members for their valuable time in reviewing the papers, our publicity chair, Theofanis Raptis, for bringing the venue to the attention of researchers around the world, our local co-chairs, Parinya Chalermsook, Petteri Kaski, and Jukka Suomela, for their assistance in organizing the event, and the AlgoSensors Steering Committee, particularly Sotiris Nikolettseas (Chair) for his guidance and assistance in every step of the process.

January 2019

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Contents

Local Gossip and Neighbour Discovery in Mobile Ad Hoc Radio Networks	1
<i>Avery Miller</i>	
Competitive Routing in Hybrid Communication Networks	15
<i>Daniel Jung, Christina Kolb, Christian Scheideler, and Jannik Sundermeier</i>	
On the Approximability and Hardness of the Minimum Connected Dominating Set with Routing Cost Constraint.	32
<i>Tung-Wei Kuo</i>	
On the Maximum Connectivity Improvement Problem.	47
<i>Federico Corò, Gianlorenzo D'Angelo, and Cristina M. Pinotti</i>	
Average Case - Worst Case Tradeoffs for Evacuating 2 Robots from the Disk in the Face-to-Face Model.	62
<i>Huda Chuangpishit, Konstantinos Georgiou, and Preeti Sharma</i>	
Mutual Visibility by Asynchronous Robots on Infinite Grid	83
<i>Ranendu Adhikary, Kaustav Bose, Manash Kumar Kundu, and Buddhadeb Sau</i>	
Optimal Gathering by Asynchronous Oblivious Robots in Hypercubes.	102
<i>Kaustav Bose, Manash Kumar Kundu, Ranendu Adhikary, and Buddhadeb Sau</i>	
Barrier Coverage Problem in 2D.	118
<i>Adil Erzin and Natalya Lagutkina</i>	
Time- and Energy-Aware Task Scheduling in Environmentally-Powered Sensor Networks.	131
<i>Lars Hanschke and Christian Renner</i>	
Mobility-Aware, Adaptive Algorithms for Wireless Power Transfer in Ad Hoc Networks	145
<i>Adelina Madhja, Sotiris Nikolettseas, and Alexandros A. Voudouris</i>	
Distributed Leader Election and Computation of Local Identifiers for Programmable Matter	159
<i>Nicolas Gastineau, Wahabou Abdou, Nader Mbarek, and Olivier Togni</i>	

Reaching Consensus in Ad-Hoc Diffusion Networks	180
<i>Dariusz R. Kowalski and Jarosław Mirek</i>	
Filling Arbitrary Connected Areas by Silent Robots with Minimum Visibility Range	193
<i>Attila Hideg, Tamás Lukovszki, and Bertalan Forstner</i>	
BSLoc: Base Station ID-Based Telco Outdoor Localization	206
<i>Jinhua Lv, Qinpei Zhao, Jiangfeng Li, Yige Zhang, Xiaolei Di, Weixiong Rao, Mingxuan Yuan, and Jia Zeng</i>	
Orientation Estimation Using Filter-Based Inertial Data Fusion for Posture Recognition	220
<i>David Segarra, Jessica Caballeros, Wilbert G. Aguilar, Albert Samà, and Daniel Rodríguez-Martín</i>	
Author Index	235