

Geosensor Networks 2009
Oxford, UK
Programme

Monday 13 July 2009

Time	Title
09:00	Tea/Coffee
09:15	Welcome and Introduction <i>Niki Trigoni</i>
09:30	Keynote Speech In-Network Compression in Wireless Sensor Networks for Environmental Monitoring <i>Bhaskar Krishnamachari</i>
10:30	Tea/Coffee
10:45	Distributed Network Configuration for Wavelet-based Compression in Sensor Networks <i>Paula Tarrío, Giuseppe Valenzise, Godwin Shen, Antonio Ortega</i>
11:15	Spatially-Localized Compressed Sensing and Routing in Multi-Hop Sensor Networks <i>Sungwon Lee, Sundeep Pattem, Maheswaran Sathiamoorthy, Bhaskar Krishnamachari, Antonio Ortega</i>
11:45	Estimation of Pollutant-Emitting Point-Sources using Resource-Constrained Sensor Networks <i>Michael Zoumboulakis, George Roussos</i>
12:15	Hyperellipsoidal SVM-based Outlier Detection Technique for GeoSensor Networks <i>Yang Zhang, Nirvana Meratnia, Paul Havinga</i>
12:45	Lunch
14:15	Genetic Algorithm for Clustering in Wireless Adhoc Sensor Networks <i>Rajeev Sachdev, Kendall Nygard</i>
14:45	VGTR: A Collaborative, Energy and Information Aware Routing Algorithm for Wireless Sensor Networks Through the Use of Game Theory <i>Alexandros Schillings, Kun Yang</i>
15:15	Tea/Coffee
15:30	Building Efficient Aggregation Trees for Sensor Network Event-Monitoring Queries <i>Antonios Deligiannakis, Yannis Kotidis, Vassilis Stoumpos, Alex Delis</i>
16:00	Improving Chord Network Performance Using Geographic Coordinates <i>Sonia Gaied Fantar, Habib Youssef</i>
16:30	On the Feasibility of Early Detection of Environmental Events through Wireless Sensor Networks and the Use of 802.15.4 and GPRS <i>Jorge Santos, Rodrigo Santos, Javier Orozco</i>

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09:30	Keynote Speech Spatio-temporal sensor data analysis for understanding human behaviors and providing services. <i>Andreas Savvides</i>
10:30	Tea/Coffee
10:45	RFID Data Aggregation <i>Dritan Bleco, Yannis Kotidis</i>
11:15	A Framework for Trajectory Clustering <i>Elio Masciari</i>
11:45	Preliminaries for topological change detection using sensor networks <i>Jixiang Jiang, Michael Worboys</i>
12:15	Industry Presentation Trends in sensor networking, and the role of industry in public-private partnership for environmental monitoring <i>Paul Lencioni, CISCO</i>
12:45	Lunch
14:00	Deploying a wireless sensor network in Iceland <i>Kirk Martinez, Jane K. Hart, Royan Ong</i>
14:30	Efficient Viewpoint Selection for Urban Texture Documentation <i>Houtan Shirani-Mehr, Farnoush Banaei-Kashani, Cyrus Shahabi</i>
15:00	User requirements and future expectations for geosensor networks - An assessment <i>Lammert Kooistra, Sirpa Thessler, Arnold Bregt</i>
15:30	Tea/Coffee
15:45	A Reference Architecture for Sensor Networks Integration and Management <i>Valentina Casola, Andrea Gaglione, Antonino Mazzeo</i>
16:15	A Stimulus-Centric Algebraic Approach to Sensors and Observations <i>Christoph Stasch, Krzysztof Janowicz, Arne Bröring, Werner Kuhn, Ilka Reis</i>
16:45	Closing and Thanks <i>Niki Trigoni</i>