

Program for Workshop on Optimization for Sensor Networks (ISSNIP 2007)

Date: 3 December, 2007

9.00-9.15 am	Opening
9.15-9.45 am	Solving discontinuous location problems with applications to WLAN design, <i>Julien Ugon, University of Ballarat, Australia</i>
9.45-10.15 am	Cluster based Wireless Sensor Networks: Optimization under Energy Constraints, <i>ines Slama, institut national des telecommunications, France</i>
10.15-10.45 am	Physical Security Enhancement in Wireless LAN Systems, <i>Shahnaz Kouhbor, University of Ballarat, Australia</i>
10.45-11.15 am	Coffee Break
11.15-11.45 am	2-MASCLE - A Coverage Aware Clustering Algorithm with Self Healing Abilities, <i>Jakob Salzmann, Ralf Behnke, Dominik Lieckfeldt and Dirk Timmermann, University of Rostock, Germany</i>
11.45-12.15 am	Information Quality Management in Sensor Networks based on the Dynamic Bayesian Network model, <i>Andrei Tolstikov, Wendong Xiao, Jit Biswas, Sen Zhang and Chen Khong Tham, National University of Singapore, Singapore</i>
12.15-12.45 am	A nonsmooth optimization approach to sensor network localization, <i>Adil Bagirov, Daniel T. H. Lai and M. Palaniswami, Australia</i>
12.45-2.00pm	Lunch Break
2.00pm - 3.00pm	Discussion Session *

Venue:

Ballroom C, Langham Hotel, Melbourne

Presentation Format:

All presentations will be oral presentations lasting for 30 minutes. Authors are invited to make a 25 minute presentation with 5 minutes for discussion. Presentations can be in Powerpoint, Adobe or other formats. A projector and necessary AV equipment will be available at the venue.

Discussion Session:

The discussion session is still tentative depending on venue availability. During this session, authors and workshop participants are invited to discuss the problems in Sensor Networks which could be more efficiently solved with optimization techniques. The aim is to generate future collaborations which would lead to potential research projects or grant applications.

Chairs:

Dr. Adil Bagirov

Dr. Daniel T. H. Lai

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