

# **LOCALGOS-09 Workshop Program**

## **9:15-9:30 Opening Marks**

## **9:30-10:30 Invited Talk**

Distributed, Local Energy-Balance Algorithms for Prolonging the Lifetime of Sensor Networks

Sotiris Nikolettseas, Professor, University of Patras and CTI

## **10:30-11:00 Social Break**

## **11:00-13:00 Session 1**

A Distributed Location Management Scheme for 3D Container Sensor Networks  
Xinjie Yu, Sinil Kim, Venkatesh Sarangan, Xiaolin Li, Sridhar Radhakrishnan and Tom Landers

Adaptive Resource Allocation in Sensor Networks using Multi Armed Bandit problem with Covariate

Ehsan Valavi, Hamid R Asadi and Arezou Mohammad Pourmir

Two Tier User Authentication Scheme for Heterogeneous Sensor Networks  
Le Xuan Hung, Sungyoung Lee, and Yong-Koo Lee

A Distributed Constant Factor Self-Protection Algorithm for Wireless Sensor Networks  
Kamrul Islam and Selim G akl

## **13:00-14:30 Lunch Break**

## **14:30-16:00 Session 2**

Asynchronous and Distributed Nonlinear Regularization for Wireless Sensor Networks  
Nicolas Marechal, Jean-Benoît Pierrot and Jean-Marie Gorce

A Localized Routing Metric for Solar-powered Wireless Sensor Networks  
Jing Hu, Lianfeng Shen and Yanli Xu

Distributed Topology Control for Efficient OSPF Routing in Multi-hop Wireless Networks

Xiaogang Yang, Xufei Mao, Guangyu Pei and Wen-Zhan Song

**16:00-16:30 Social Break**

**16:30-17:30 Invited Talk**

Localized Routing for Three-Dimensional Wireless Sensor Networks  
Yu Wang, Assistant Professor, University of North Carolina at Charlotte

**17:30-17:45 Closing Marks**