

Advance Program

- 8:30-9:00 Registration and coffee/light refreshments --- Registration will last until noon.
- 9:00-12:00 Oral Session #1
- 9:00-9:15 Welcome
 - 9:15-9:40 [Optimal Transmission Range for Wireless ad hoc Networks](#), Jing Deng, Yunghsiang Han, Po-Ning Chen, and Pramod K. Varshney, Syracuse University.
 - 9:40-10:05 [Polygonal Broadcast for Sensor Networks](#), Shlomi Dolev, Ted Herman, and Limor Lahiani, Ben-Gurion University and University of Iowa.
 - 10:05-10:30 [Non-uniform Information Dissemination for Sensor Networks](#), Sameer Tilak, Amy Murphy, and Wendi Heinzelman, University of Rochester.
 - 10:30-10:45 Break
 - 10:45-11:10 [Trajectory-based Forwarding Mechanisms for ad-hoc Sensor Networks](#), Murat Yuksel, Ritesh Pradhan, and Shivkumar Kalyanaraman, RPI.
 - 11:10-11:35 [Sensor Communication Network Using Swarm Intelligence](#), Rajani Muraleedharan and Lisa Ann Osadciw, Syracuse University.
 - 11:35-12:00 [On the Local Sensor Signaling for Inference Centered Wireless Sensor Networks](#), Biao Chen, Syracuse University.
- 12:00-12:50 Lunch at Rachel's, first floor of the Sheraton Hotel
- 12:50-2:10 Poster Session
- [Mobile Sensor Networks for 3G Telemedicine Applications](#), Sunil Kumar, Clarkson University, and Fei Hu, RIT.
 - [Compression Trade-offs for Multiple Inference Tasks in Sensor Networks](#), Mo Chen and Mark L. Fowler, Binghamton University.
 - [Trajectory-based Forwarding Mechanisms for ad-hoc Sensor Networks](#), Murat Yuksel, Ritesh Pradhan, and Shivkumar Kalyanaraman, RPI.
 - [Using an ON/OFF Scheme for Networked Sensors -- Is It Really Beneficial?](#) Cory D. Cress, Shanchieh Jay Yang, Moises Sudit, RIT
 - [Energy Aware Image Compression in Wireless Sensor Networks](#), Huaming Wu and Alhussein A. Abouzeid, RPI.
 - [A Distributed Evolutionary Algorithmic Approach to the Least-cost Connected Constrained sub-graph and Power Control Problem](#), Jason Tillett, Raghuveer Rao, and Ferat Sahin, RIT.
 - [Decision Fusion with Censored Sensors](#), Ruixiang Jiang and Biao Chen, Syracuse University.
 - [Protecting Wireless Networks Against a Denial of Service Attack Based on Virtual Jamming](#), Dazhi Chen, Jing Deng, and Pramod Varshney, Syracuse University.
 - [Use of Fuzzy Association Information for Uncertainty Evaluation in Heterogeneous Sensor Networks](#), Leon Reznik, RIT.
 - [3-Dimensional Object Reconstruction From Frequency Diverse RF Sensor Networks](#), Robert J. Bonneau, AFRL.
- 2:30-5:15 Oral Session #2
- 2:30-2:55 [Asymptotic Locally Optimal Detector for a Large Sensor Network Under the Poisson Regime](#), Youngchul Sung and Lang Tong, Cornell University.
 - 2:55-3:20 [An Energy Conservation Method for Wireless Sensor Networks Employing a Blue Noise Spatial Sampling Technique](#), Zeljko Ignjatovic, Mark Perillo, Wendi Heinzelman, and Mark Bocko, University of Rochester.
 - 3:20-3:45 [Sensing Lena -- Massively Distributed Compression of Sensor Images](#), Sergio Servetto, Cornell University.
 - 3:45-4:00 Break
 - 4:00-4:25 [Energy-Efficient Data Management for Sensor Networks: A Work-In-Progress Report](#), Alan Demers, Johannes Gehrke, Raimohan Rajaraman, Niki Trigoni, and Yong Yao, Cornell University.
 - 4:25-4:50 [Key Management in Wireless Sensor Networks](#), Wenliang Du, Jing Deng, Yunghsiang S. Han, and Pramod K. Varshney, Syracuse University