

# First International Workshop on Localized Algorithms and Protocols for Wireless Sensor Networks (LOCALGOS 2007)

Santa Fe, WEDNESDAY, JUNE 20, 2007

8:50 am – 9:00 am	Introduction
9:00 am – 10:00 am	<p>Session I</p> <p><b>Cooperative Relative Positioning for Wireless Sensor Networks</b> <i>Sarfraz Nawaz , Sanjay Jha</i></p> <p><b>Location-based Publish/Subscribe Protocol for Resource-Awareness</b> <i>Salman Taherian, Jean Bacon</i></p>
10:00 am – 10:30 am	Break
10:30 am – 12:00 pm	<p>Session II</p> <p><b>Impact of Power Control on Wireless Ad Hoc Network Capacity</b> <i>Qiang Sun, Layuan Li, Niansheng Chen, Sadia Aziz</i></p> <p><b>A Novel Locality-based Optimization Algorithm of Clustering</b> <i>Xiaobo Fan, Tingting Xie, Yongxuan Lai, Hong Chen</i></p> <p><b>Small-Worlds: Strong Clustering in Wireless Networks</b> <i>Matthias R. Brust and Steffen Rothkugel</i></p>
12:00 pm – 13:30 pm	Lunch (on your own)
13:30 pm – 14:30 pm	<p>Session III</p> <p><b>The Impact of Localized Tree Construction on Sensor Network Lifetime</b> <i>Jae-Joon Lee, Bhaskar Krishnamachari, C.-C. Jay Kuo</i></p> <p><b>Maximizing Throughput in ZigBee Wireless Networks</b> <i>T. Ryan Burchfield, S. Venkatesan, D. Weiner</i></p>