

**You are invited to an IEEE Meeting on Thursday, March 20, 2008**

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**Title: "Reliable Wireless Sensor Networks"**

**Speaker: Kurt Ottaway, Senior Field Application Engineer, Dust Networks**

**Date: March 20th, 2008**

**Time: No-host social at 5:30 pm; Presentation at 6:15pm; Dinner at 7:15 pm;  
Presentation continues at 8:00 pm; Adjourn by 9:00 pm.**

**Place: Marie Callender's Restaurant - The Garden Room; 2090 Diamond Blvd in Concord  
(near the Concord Hilton Hotel). Call 925-827-4930 if you need directions.**

**RSVP: Please make reservations by March 19, by contacting Gregg Boltz at  
email: [gboltz@brwnaald.com](mailto:gboltz@brwnaald.com) or telephone: (925) 210-2571**

**Cost: The cost of dinner is \$20 for IEEE members; \$25 for non-members.**

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**Meeting Description:**

The March 20th meeting of the Industry Applications Society for Oakland East Bay Section will feature a talk entitled "Reliable Wireless Sensor Networks". The speaker will be Kurt Ottaway, Senior Field Application Engineer, Dust Networks.

In today's demanding and competitive business environment, the need to collect, interpret and act on real-time data plays an increasingly vital role. But data collection using typical wired sensor networks has always been expensive to install and maintain, and limited in its reach. At the same time, the promise of a wireless solution has been elusive because of problems with reliability, power consumption, and the costs and complexity of network installation and expansion. Wireless sensor network (WSN) is a term used to describe an emerging class of embedded communication products that provide redundant, fault-tolerant wireless connections between sensors, actuators and controllers. WSNs provide performance above and beyond legacy point-to-point solutions; particularly in areas of fault tolerance, power consumption and installation cost.

**About the Speaker:**

The presentation will be given by **Kurt Ottaway**, Senior Field Application Engineer at Dust Networks. He graduated from California Polytechnic State University, San Luis Obispo.

Dust Networks, the leader in standards-based intelligent wireless sensor networking (WSN), provides ultra low-power, highly reliable systems to industrial automation vendors in a range of markets.

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