

**Wireless Applications Subcommittee
ASHRAE TC 7.5, Smart Building Systems
2009 Winter Meeting
Chicago, IL**

Date: Sunday, January 25, 2009
Time: 4:00 – 5:00 pm

Scope:

The Wireless Applications Subcommittee of TC 7.5: Smart Building Systems explores the use of wireless communications technology for enabling smart building systems. The aim of this subcommittee is (a) to sponsor research to understand the performance, benefits, and drawbacks of wireless communications in buildings and to enhance the impact of wireless technology in building operations, and (b) to organize programs that inform ASHRAE members of advances in wireless technology and that provide those members with experiences and guidelines in using wireless technology for building applications.

Research: (15 minutes)

Current Research Ideas

- Draft RTAR: Development of Guidelines for Use of Wireless Technologies in Buildings (Bill Healy)
- Draft RTAR: Wireless Control for Mission Critical Environments such as Pharmaceutical Manufacturers. (Carol Lomonaco)

New Research Ideas

Program (20 minutes):

Chicago Program: Seminar 5, Sunday 8 am
“Will Wireless Controls Save Me Money?”

Program Ideas

- Seminar: ZigBee Checkout
- Seminar: Issues in Real Wireless Network Applications...Part II
- Transactions Session: Wireless Measurements in Buildings
- Location Guidelines for installing Low Power Wireless Networks
- Powering wireless sensors using energy harvested from the HVAC system

New ideas

Handbook (20 minutes):

“Wireless Applications” Draft for the “Computer Applications” chapter

New Business (5 minutes)