

**Wireless Applications Subcommittee
ASHRAE TC 7.5, Smart Building Systems
2008 Summer Meeting
Salt Lake City, UT**

Date: Sunday, June 22, 2008
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: (25 minutes)

Current Research Ideas

- Draft RTAR: Development of Guidelines for Use of Wireless Technologies in Buildings (Bill Healy)

New Research Ideas

Program (20 minutes):

Current Program Ideas

- Seminar: Issues in Real Wireless Network Applications...Part II
- Location Guidelines for installing low power wireless networks
- ZigBee Checkout
- Will wireless controls save me money
- Powering wireless sensors using energy harvested from the HVAC system

New ideas

Handbook (10 minutes):

Is there additional material that we should be covering in the handbook?

Are there any results or findings from research projects that would be appropriate?

Is there generic material pertaining to wireless applications that might be covered?

New Business (5 minutes)