

TC 7.5 Fault Detection and Diagnosis Subcommittee Meeting Agenda
2009 Annual Meeting, Chicago, IL

0:00	Call to Order Circulate Sign In Sheet	Jin Wen
25 min	Update/Discussion of RTARs/Work Statement	
	1) A Building Systems Emulation Tool for Building Operators	Steve Blanc
	2) Simultaneous Heating and Cooling	Peng Xu
	3) Automated Field Sensors Calibration for Real World FDD	Haorong Li
	4) Plug and Play FDD Using Existing Measurements Onboard the Equipment	Haorong Li
10 min	New Research Ideas	
5 min	Program	
15 min	Relevant Handbook Chapters	Haorong Li
5 min	FDD subcommittee scope End	

List of Ongoing Research Projects:

- 1) 1274 RP, "Field Performance Assessment of Packaged Equipment to Quantify the Benefits of Proper Service," PMCS Chair: Todd Rossi
- 2) 1312 RP, "Tools for Evaluation FDD for AHUs" PMCS Chair: Phil Haves

The FDD Subcommittee of TC 7.5: Smart Building Systems aims at exploring and developing technologies to help detecting and diagnosing common faults existing in building HVAC systems. The scope of this subcommittee includes (a) identifying and sponsoring research projects to develop new FDD technologies, evaluate existing FDD technologies; provide recommendations to building operators and practical engineers; and develop supporting tools for researchers in FDD areas; and b) organizing programs to disseminate research findings and advancements in FDD areas among ASHRAE members.