

TC 7.5 Fault Detection and Diagnosis Subcommittee Meeting Agenda

2018 Winter Meeting, Chicago, IL

Date: Sunday, Jan. 21, 2018

Time: 2:30 pm-3:15 pm

Location: Salon 1, Palmer House

0:00	Call to Order	Yuebin Yu
	Circulate Sign In Sheet, self-introduction, announce the subcommittee scope.	
10 min	Update/Discussion of Active project/RTARs/Work Statement	
	Methods to evaluate AFDD strategies for air handling unit systems, a	Jin Wen, Dave
	RTAR, Development of AFDD for leakage of ground-source heat pumps, a	Zheng O'Neill and Christin Cetin
10 min	Idea pool revisit, New Research Ideas, Open discussion: RTAR idea: collect, clean, and label existing data for FDD research.	Xiwang Li, Liping Wang, Kristen. Shawn Shi (Carleton)
15 min	Summary Presentation: Fault Detection and Diagnostic Methods for Supermarkets-Phase 1: a) Many questions and good interests; b) It is recommended to have a seminar on this RP; c) We should have follow-up RTAR on this topic.	Alireza Behfar
10 min	Other issues and open discussion	

- a: Active, p: Parking lot, n: New

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.