

University of Pittsburgh RFID Center of Excellence



Tuesday May 1, 2007 Time: 6:30PM
University of Pittsburgh-1175 Benedum Hall

"In's, Out's and Collisions of EPCglobal Gen2"

Abstract: The EPCglobal Class 1 Gen 2 protocol is of interest to many people involved with Radio Frequency Identification (RFID). The actual working elements of the protocol are not typically understood. This seminar presents the context, the message exchange between the reader and tag, the elements that deal with collisions and the structure of the commands. Questions to be answered include; (1) How are collisions avoided?, (2) Why is the Read Rate slower than anticipated?, (3) What do the commands look like?, (4) Is the tag really dead when it is killed?, (5) What does the reader/tag exchange actually look like in the air?, etc.

Questions and Discussion: 7:30PM
RFID Center Members will meet at 5:00PM in Room 330 Benedum Hall
For Additional Center Information: Call 412 / 624 - 9682
or email: mickle@pitt.edu