

University of Pittsburgh RFID Center of Excellence



Tuesday July 7, 2009

Time: 6:30PM

**University of Pittsburgh
Room 360 Benedum Hall**

Improving Tag Read Speeds for the Gen 2 Protocol

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The ability to read tags quickly is critical for many applications of RFID. Faster tag reading permits conveyors to run faster in logistics applications and to permit more tagged items to be transported at one time. Within the Gen 2 Protocol, tag read rates are affected by many factors. One important factor in the Gen 2 Protocol is how the parameter Q , which governs the number of slots for an inventory round, is set. This presentation will discuss the role of Q within the Gen 2 Protocol and a method for determining how to set the value of Q in order to minimize the expected time to inventory a batch of Gen 2 tags.

Followed by an Open Forum on the Establishment of Passive RFID Standards

Bring your questions and opinions.

Questions and Discussion: 7:00PM

RFID Center Members will meet at 5:00PM in Room 330 Benedum Hall

For Additional Center Information: Call 412 / 624 - 9682

or email: rfid@pitt.edu