

5th Annual Workshop on

Precision Indoor Personnel
Location and Tracking for Emergency
Responders

August 2 to 3, 2010
Worcester Polytechnic Institute



2010 Workshop

- Continue mix of
 - Presentations
 - Table-top/room exhibits and demonstrations
 - Working sessions
 - ‘Live System Demos’ – conducted by Worcester Fire Department
- New for 2010
 - More discussion time
 - Poster Session
 - Session on Standards Development

Workshop Goals

- Knowledge acquisition
- In-depth discussions
- Personal contacts for follow-up
- Report summarizing:
 - State of the art
 - Needed research directions
- Presentations
 - 20 mins (allow 2-3 mins Q&A)
- Panel discussion

Workshop Agenda, Monday

- 8:15 am Welcome: Dr. Eric Overstrom (WPI Provost)
- 8:25 Workshop Overview: Jim Duckworth
- 8:30 The Real World of the First Responder
- 10:00 Break
- 10:20 Government and User Perspectives
- 11:20 Inertial and Integrated Navigation Systems – Part 1
- noon Lunch
- 12:30 Keynote Speaker: Jalal Mapar (DHS)
- 1:30 Inertial and Integrated Navigation Systems – Part 2
- 3:30 Break – Congressman James McGovern (MA, 3rd)
- 3:45 Demonstrations, Exhibits and Posters
- 5:30 Adjourn
- 6:00 pm Reception and Barbecue

Agenda, Tuesday

- 7:30 am Continental Breakfast
- 8:00 Keynote Speaker: Dr. Nancy Merritt (NIJ)
- 8.30 RF and Other Technologies
- 9.30 Standards
- 10:30 Break
- 10:45 Parallel working sessions on the State of the Art
- 12:00 Lunch
- 12:30 Keynote Speaker: Dr. Stefanie Tompkins (DARPA)
- 1:30 Plenary working session
- 2.30 System Demonstrations by WFD
- 4.30 Wrap-up and plans for the future
- 5:00 Adjourn

Monday 8.30 am

- The Real World of the First Responder
 - Moderator:
 - William Haskell, NIOSH-NPPTL

Monday 10.20 am

- Government and User Perspectives
- Inertial and Integrated Navigation Systems
 - Part 1
 - Moderator:
 - Casey Grant, Fire Protection Research Foundation

Monday Lunch

➤ Keynote Speaker:

- Jalal Mapar, DHS S&T Directorate

“First Responder Location Tracking
Technology Development at DHS S&T:
Past, Present and Future”

Monday 1.30 pm

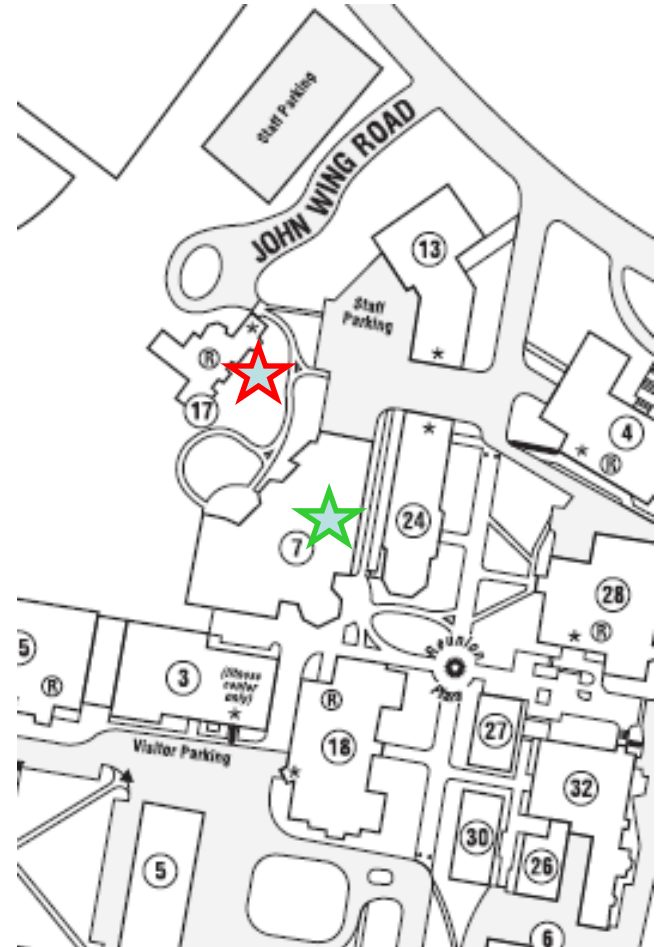
- Inertial and Integrated Navigation Systems
 - Part 2
 - Moderator:
 - Nader Moayeri, NIST

Monday 3.30 pm

- Comments
 - Congressman James P. McGovern (MA, 3rd)
- Demonstration, Exhibits, and Posters

Monday 6.00 pm

- Reception and Barbeque
Higgins House



Tuesday

- 7.30 Continental Breakfast
- 8.00 Keynote Speaker:
 - Dr. Nancy Merritt, NIJ

“Evaluating Technology in the Field:
Importance for Emergency Responders”