

## SPRING 2015 RESEARCH REVIEW

### FOCUS THEME: CONNECTED VEHICLES AND THE INTERNET-OF-THINGS

### MAY 14, 2015 FINAL AGENDA

9:30 – 9:40 AM Welcoming Remarks – *D. Raychaudhuri*

#### AM SESSION FACULTY OVERVIEWS

9:40 – 10:00 AM Future Directions in Connected Vehicle  
Research – *Marco Gruteser*

10:00 – 10:20 AM Connected Vehicles as a Status Updating  
Network – *Roy Yates*

10:20 – 10:40 AM Security and Privacy on the Road  
*Janne Lindqvist*

10:40 – 11:00 AM Supporting a Unified IoT Architecture  
through Information-Centric Networking  
*Yanyong Zhang*

11:00 – 11:20 AM IoT Security Challenges – *Wade Trappe*

11:20 – 11:30 AM  
BREAK

KEYNOTE TALK  
11:30 AM – 12:30 PM

#### “DEDICATED SHORT RANGE COMMUNICATIONS: LOOKING BEYOND DEPLOYMENT”

*John Kenney*  
*Toyota ITC*

12:30 – 1:30 PM  
LUNCH

#### PM SESSION RESEARCH TALKS

1:30 – 1:50 PM LookUp: Enabling Pedestrian Safety  
Services via Shoe Sensing  
*Shubham Jain*

1:50 – 2:10 PM Multi-homed Vehicular Network Access  
*Shreyasee Mukherjee*

2:10 – 2:30 PM Coexistence of Congestion Control  
Algorithms in a Mixed Vehicular Network  
*Bin Cheng*

INVITED TALK  
2:30 – 3:15 PM

#### MICROSCOPIC VEHICLE CONTROL WITH VEHICLE-TO- INFRASTRUCTURE COMMUNICATIONS

*Peter Jin (CAIT)*

3:15 – 3:30 PM  
BREAK

3:30 – 3:50 PM Ad Hoc Vehicular Network Formation  
*Mehrnaz Tavan*

3:50 – 4:10 PM Toward Detection of Unsafe Driving with  
Wearables – *Luyang Liu*

4:10 – 4:30 PM Stability Comparison of Vehicular  
Congestion Control Algorithms  
*Ali Rostami*

POSTER AND DEMO SESSION – 5:00–6:00PM  
WINLAB Tech Center, Route 1 South, North Brunswick

IAB DINNER – 6:15–8:00PM  
FRESCO'S, 210 Ryders Lane, Milltown, NJ

SPRING 2015  
INDUSTRIAL ADVISORY  
BOARD MEETING  
(FOR SPONSOR REPRESENTATIVES)  
MAY 15, 2015

AGENDA

10:00 – 11:00 AM

WINLAB Status Update and New Project Summaries  
*D. Raychaudhuri and WINLAB Faculty*

11:00 AM – 12:30 PM  
(includes Lunch)

Feedback and Q&A Session with Sponsor Representatives

Adjourn