FALL 2011
RESEARCH REVIEW

FOCUS THEME:
“CONTEXT-AWARE MOBILE NETWORKING & APPLICATIONS”
NOVEMBER 30, 2011
UPDATED AGENDA

9:20 – 9:30 AM Welcoming Remarks
D. Raychaudhuri

AM SESSION - CONTEXT-AWARE APPLICATIONS

9:30 – 9:50 AM Context-Aware Networking Research at WINLAB
Marco Gruteser

9:50 – 10:10 AM Detecting Driver Phone Use with Car Speakers
Yingying Chen
Stevens Institute of Technology

10:10 – 10:30 AM An Enabling Platform for Universal Sensors
Rich Martin

10:30 – 10:50 AM I’m the Mayor of My House: Examining Why People
Use Location-Sharing Applications
Janne Lindqvist

10:50 – 11:10 AM BREAK

11:10 AM – 12:00 PM KEYNOTE SPEECH
DR. RAMON CACERES – AT&T RESEARCH
“HUMAN MOBILITY CHARACTERIZATION FROM
CELLULAR NETWORK DATA”

12:00 – 1:00 PM LUNCH - BUSCH CAMPUS CENTER
INTERNATIONAL STUDENT LOUNGE

PM SESSION - CONTEXT-AWARE NETWORKING

1:15 – 2:00 PM FEATURED GUEST SPEAKER
PROF. JOHN C. DOYLE – CALTECH
“UNIVERSAL LAWS AND ARCHITECTURES:
FOUNDATIONS FOR SUSTAINABLE INFRASTRUCTURE”

2:00 – 2:20 PM Tracking Vehicular Speed Variations by Warping Mobile
Phone Signal Strengths
Tam Vu

2:20 – 2:40 PM Embedding Context with Photographic Steganography
Wenjia Yuan

2:40 – 3:00 PM BREAK

3:00 – 3:20 PM Context-Aware Middleware for Internet of Things
Jun Li

3:20 – 3:40 PM Representing Context in the Mobile Internet
John-Austen Francisco

3:40 – 4:00 PM A Privacy-Preserving System for Friend Locator Applications
Bin Zan

4:30 – 5:30 PM DEMOS AND POSTERS
WINLAB TECH CENTER, 671 US ROUTE I IN NORTH BRUNSWICK

6:00 – 8:00 PM DINNER - BENSI’S RESTAURANT
US ROUTE I IN NORTH BRUNSWICK
AGENDA

9:30 – 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