

### FOCUS THEME: HUMAN FACTORS, MOBILE AND SOCIAL COMPUTING: USER INTERFACES, SECURITY AND CYBERPHYSICAL APPLICATIONS

MAY 15, 2014

## FINAL AGENDA

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

### AM SESSION FACULTY OVERVIEWS

9:40 – 10:00 AM Human-Computer Interaction in Mobile Computing – Overview and Research Agenda – *Janne Lindqvist*

10:00 – 10:20 AM Learning Human Contexts through Unobtrusive Methods – *Yanyong Zhang*

10:20 – 10:40 AM Towards Mobile Sensing of Attention and Distraction – *Marco Gruteser*

10:40 – 11:00 AM Differentially Private Modeling of Human Mobility – *Rebecca Wright*

11:00 – 11:15 AM

**BREAK**

11:15 – 12:15 PM

**KEYNOTE SPEAKER**

**PROF. ANIND DEY**

**CARNEGIE MELLON UNIVERSITY**

**SMARTPHONES AS A RESOURCE FOR  
UNDERSTANDING PEOPLE**

12:15 – 1:30 PM

**LUNCH**

6:30 – 8:30 PM

**IAB DINNER**

**FRESCO RESTAURANT, RYDERS LANE, MILLTOWN, NJ**

### PM SESSION RESEARCH TALKS

1:30 – 2:00 PM Towards Science of Gesture-Based Authentication – *Janne Lindqvist*

2:00 – 2:20 PM A Field Study of Android Location Access Disclosures – *Huiqing Fu*

2:20 – 2:40 PM Elastic Pathing – Your Speed is Enough to Track You – *Xianyi Gao*

2:40 – 3:00 PM Crowd++: Unsupervised Speaker Count with Smartphones – *Chenren Xu*

3:00 – 3:15 PM

**BREAK**

3:15 – 3:35 PM Look up! Enabling Pedestrian Safety Services – *Shubham Jain*

3:35 – 3:55 PM Low-cost Radio and TO as an Enabling Technology – *Ben Firner*

3:55 – 4:15 PM Phase Messaging Tags for Time-of-Flight Cameras – *Wenjia Yuan*

4:15 – 4:35 PM Uncovering Facebook Side Channels and User Attitudes – *Sai Lu*

4:35 – 4:55 PM What am I Looking at? Low Power Radio-Optical Beacons for In-View Recognition  
*Ashwin Ashok*

5:15 – 6:15 PM

**DEMOS SESSION AT WINLAB TECH CENTER**