

FALL 2015 RESEARCH REVIEW UPDATED AGENDA

FOCUS THEME: ENABLING TECHNOLOGIES FOR 5G

HILTON EAST BRUNSWICK
3 TOWER CENTER BLVD.
EAST BRUNSWICK, NJ 08816
732-828-2000

DECEMBER 4, 2015

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| 9:00 – 9:30 AM | CONTINENTAL BREAKFAST <i>Trenton/Moore Reception Area</i> | 1:15 – 2:00 PM | PANEL SESSION: R&D PRIORITIES FOR 5G <i>Panelists: Magnus Frodigh, G.Q. Wang, Thomas Novlan and Steve Wilkus</i> |
| 9:30 – 9:45 AM | Welcoming Remarks <i>D. Raychaudhuri - WINLAB</i> | 2:00 – 2:25 PM | Software-Defined Radio Access <i>Ivan Seskar - WINLAB</i> |
| 9:45 – 10:10 AM | Overview of 5G: Requirements and Enabling Technologies <i>Thomas Novlan – Samsung Research America</i> | 2:25 – 2:50 PM | Next Generation Mobile Network Architecture <i>D. Raychaudhuri - WINLAB</i> |
| 10:10 – 10:35 AM | European METIS-II Project <i>Magnus Frodigh - Ericsson</i> | 2:50 – 3:00 PM | BREAK <i>Trenton/Moore Reception Area</i> |
| 10:35 – 11:00 AM | Millimeter Wave Networks: Challenges and Opportunities <i>Nazmul Islam - Qualcomm</i> | 3:00 – 3:25 PM | Information Centric IoT over 5G Architecture <i>G.Q. Wang – Huawei Technologies</i> |
| 11:00 – 11:15 AM | BREAK <i>Trenton/Moore Reception Area</i> | 3:25 – 3:50 PM | ParaDrop: Enabling Third Party Apps in Home WiFi Gateways for Fun and Profit <i>Suman Banerjee – University of Wisconsin</i> |
| 11:15 – 11:40 AM | 5G Wireless Technologies <i>Senarath Gamini – Huawei Canada</i> | 3:50 – 4:15 PM | Mobile Edge Cloud Services in 5G <i>Yanyong Zhang - WINLAB</i> |
| 11:40 AM – 12:05 PM | Dynamic Spectrum Access for 5G <i>Narayan Mandayam – WINLAB</i> | 4:15 – 4:40 PM | Vehicular Applications of 5G <i>Marco Gruteser - WINLAB</i> |
| 12:05 – 1:15 PM | LUNCH <i>Woodbridge/Piscataway Room</i> | 4:40 – 5:30 PM | Student Poster Session <i>WINLAB Graduate Students</i> |