

FALL 2015 RESEARCH REVIEW FINAL AGENDA

FOCUS THEME: ENABLING TECHNOLOGIES FOR 5G

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

DECEMBER 4, 2015

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: M. Frodigh (Ericsson), G.Q. Wang (Huawei), T Novlan (Samsung) P. Polakos (Cisco) and S. Wilkus (Spectrum FP)</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>