SPRING 2012
RESEARCH REVIEW

FOCUS THEME:
FUTURE INTERNET ARCHITECTURE AND THE
MOBILITYFIRST PROJECT

MAY 14, 2012
FINAL AGENDA

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

AM SESSION
FACULTY OVERVIEWS
9:30 – 10:00 AM MobilityFirst Architecture Summary and Project Update
D. Raychaudhuri
10:00 – 10:20 AM Naming and Routing in the MobilityFirst Protocol Stack
Kiran Nagaraja
10:20 – 10:40 AM Content Delivery Services in the MobilityFirst Network
Yanyong Zhang
10:40 – 11:00 AM Realizing Context Services in the MobilityFirst Architecture
Richard Martin

BREAK
11:00 – 11:15 AM

II:15 AM – 12:00 NOON
INVITED SPEAKER

PROF. PETER STEENKISTE,
CARNEGIE MELLON UNIVERSITY
“The eXpressive Internet Architecture: From Architecture to Network”

LUNCH
12:00 – 1:00 PM

PM SESSION
RESEARCH TALKS
1:00 – 1:25 PM DMap: A Shared Hosting Scheme for Dynamic Identifier to Locator Mappings in the Global Internet – Tam Vu
1:25 – 1:50 PM Comparing Alternative Approaches for Networking of Named Objects in the Future Internet – Akash Baid

PM SESSION CONT’D
1:50 – 2:15 PM GSTAR: Storage Aware Routing Protocol for Efficient and Robust Services
Nehal Somani

BREAK
2:15 – 2:45 PM

2:45 – 3:10 PM Supporting Efficient M2M Communications in the Future Mobile Internet – Jun Li
3:10 – 3:35 PM Security and Privacy Considerations in MobilityFirst
Janne Lindqvist
3:35 – 4:00 PM GENI Meso-scale Prototype for MobilityFirst Evaluation
Ivan Seskar

DEMO AND POSTER SESSION
4:30 – 5:45 PM

GSTAR ROUTING & MULTIHOMING DEMO
CONTEXT SERVICES/M2M DEMO
GNRS/CONTENT DELIVERY DEMO
OPENFLOW MOBILITY SERVICE DEMO
MESO-SCALE GENI PROTOTYPE
UNDISTRACTED DRIVING DEMO

IAB DINNER
6:00 – 8:00 PM
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