The Fourth IEEE International Workshop on Hot Topics in Mesh Networking
(IEEE HotMesh'12)

PROGRAM

Workshop Opening (8:15am)

Session I: Routing and Peer Selection in WMNs (8:30am - 10:00am)

Alexandre Klein (TU München, Germany), Lothar Braun (TU München, Germany), Fabian Oehlmann (TU München, Germany)

Distributed Lyapunov Drift-plus-penalty Routing for WiFi Mesh Networks with Adaptive Penalty Weight
José Núñez-Martínez (Centre Tecnologic de Telecomunicacions de Catalunya, Spain), Josep Mangues-Bafalluy (Centre Tecnologic de Telecomunicacions de Catalunya, Spain)

Coffee Break (10:00am - 10:30am)

Session II: Keynote and Invited Paper (10:30am - 12:00am)

Keynote on "Multi-Hop Wireless Networks: Life After Network Protocols?"
Nitin Vaidya (UIUC, USA) (Click for abstract and bio)

Empirical Analysis of Measured 802.11 Receive Signal Strength Values Using Various Atheros Based Mini-PCI Cards (invited)
Prasant Mohapatra (UC Davis, USA) (Click for abstract and bio)

Lunch Break (12:00am - 01:30pm)

Session III: Keynote and Invited Paper (01:30pm - 03:00pm)

Keynote on "Trust in Multi-hop Wireless Networks"
Prasant Mohapatra (UC Davis, USA) (Click for abstract and bio)

Empirical Analysis of Measured 802.11 Receive Signal Strength Values Using Various Atheros Based Mini-PCI Cards (invited)
Prasant Mohapatra (UC Davis, USA) (Click for abstract and bio)

Coffee Break (03:00pm - 03:30pm)

Session IV: Security and Performance Evaluation for WMNs (3:30pm - 05:30pm)

Authorisation and Authentication Mechanisms in support of Secure Access to WMN Resources
Almerima Jamakovic (University of Bern, Switzerland), Torsten Braun (University of Bern, Switzerland), Thomas Staub (University of Bern, Switzerland), Markus Anwander (University of Bern, Switzerland)

FSASD: A Framework for Establishing Security Associations for Sequentially Deployed WMN
André Egners (RWTH Aachen, Germany), Hendrik Fabelje (RWTH Aachen, Germany), Ulrike Meyer (RWTH Aachen, Germany)

Evaluationing the Impact of Frame Congestion on Video-Streaming over IEEE 802.11n Multihop Networks
Sascha Gubner (University of Leipzig, Germany), Christoph Lindemann (University of Leipzig, Germany)

Analysis and Validation of the Maximal Reasonable Link Group Size in Static 802.11a Wireless Mesh Networks: A Study Towards Channel Assignment
Sebastian Robitzsch (University College Dublin, Ireland), Liam Murphy (University College Dublin, Ireland)

Closing Remarks (05:30pm - 05:40pm)

For more information: [http://www.cs.kau.se/mesh2012](http://www.cs.kau.se/mesh2012)