



**Wireless Networking Group – Weekly Research Seminars**  
**Fridays 11:00am~ – Room 733, J03**

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Date	Presenter(s)	Title of Presentation
<b>Start of 2010 Seminars</b>		
<b>End of 2009 Seminars</b>		
11/12/09	TBA	TBA
4/12/2009	Globecom2009	-----
27/12/09	No Seminar	-----
18/11/09	Yaozhou Ma Fazirulhisyam Hashim	An Epidemic P2P Content Search Mechanism for Intermittently Connected Mobile Ad hoc Networks Forecasting-based Sampling Decision for Accurate and Scalable Anomaly Detection
13/11/09	Tadeusz Wysocki	Pricing of Cognitive Radio Rights to Maintain the Risk-Reward of Primary User Spectrum Investment
6/11/09	Nejla Ghaboosi	A Review of Femtocell Systems
30/10/09	All Group Members	Research Conversazione Event
23/10/09	Yaozhou Ma	Security-enhanced Cooperative Cache-based Content Dissemination in Intermittently Connected Mobile Ad hoc Networks
16/10/09	No Seminar	-----
9/10/09	Farshad Javadi	Rapid and Reliable Routing Mesh Protocol (RRRMP)
2/10/09	Semester Break	-----
25/9/09	Nejla Ghaboosi	A Cooperative Cellular Architecture with Emphasis on Traffic Load Balancing
18/9/09	PIMRC2009	-----
11/9/09	LatinCom2009	-----
4/9/09	Fan Bai Tadeusz Wysocki	A Novel Selective Node based Aggregation Procedure for Wireless Sensor Networks MAC Framework for Intermittently Connected Cognitive Radio Networks
28/8/09	Kumudu Munasinghe	NEtwork Mobility (NEMO) Support for Interworked Heterogeneous Mobile Networks
21/8/09	Ghalem Boudour	Dynamic Bandwidth Reservation Scheme for MPEG-4 Traffic Support in Wireless Mesh Networks
14/8/09	No Seminar	-----
7/8/09	Tadeusz Wysocki	Portfolio Selection Based Power Allocation in OFDM Cognitive Radio Networks
31/7/09	All	Group literature review discussion
	Winter Break	-----
3/7/09	Ghalem Boudour	Reservation MAC protocols for QoS provisioning in MANET (Special Visitor Seminar)
19/6/09	ICC2009	-----
12/6/09	No Seminar	-----
10/6/09	Prof. Jose L Marzo	Special Invited Talk
5/6/09	Yaozhou Ma Fazirulhisyam Hashim	Cooperative content dissemination in intermittently connected networks On accurate and scalable anomaly detection in next generation mobile networks
29/5/09	Mu Qi	An Effective Clustering Based Safety Message Broadcast Scheme
22/5/09	Farshad Javadi	Reliability enhancement for wireless mesh networks
15/5/09	Fazirulhisyam Hashim	A Survivability Framework in NGMN - A Bio-Inspired Approach
8/5/09	Nejla Ghaboosi	Cooperative Cellular Networks – A Survey

1/5/09	All	Group literature review discussion
24/4/09	Tadeusz Wysocki	Cluster Based Cognitive Radio MAC for Opportunistic Networks
17/4/09	Easter Break	-----
10/4/09	Easter Break	-----
3/4/09	Kumudu Munasinghe	Evaluation of session handoffs in a heterogeneous mobile network for Pareto based packet arrivals
27/3/09	Yaozhou Ma	An Epidemic P2P Content Search Mechanism for Intermittently Connected Mobile Ad hoc Networks
20/3/09	Fan Bai	A linear infection method for delay tolerant mobile wireless sensor networks
13/3/09	Mu Qi	Improving the Performance of Safety Message Dissemination in VANTES
6/3/2009	Abbas Jamalipour	Welcome and Introduction to the 2009 WiNG Seminars and Year Planning
<b>Start of 2009 Seminars</b>		
<b>End of 2008 Seminars</b>		
12/12/08	Ehssan Sakhaee	Self-adaptability and organization for pervasive computing and sensor network environment using a biologically-inspired approach
5/12/2008	Globecom2008	-----
28/11/08	Kumudu Munasinghe	Bio-inspired networking
21/11/08	No Seminar	-----
14/11/08	No Seminar	-----
7/11/08	Farshad Javadi	Bilateral Shapley Value based Cooperative Gateway Selection in Congested Wireless Mesh Networks
31/10/08	All Group Members	Research Conversazione Event
24/10/08	Yaozhou Ma	Content Discovery over Intermittently Connected Mobile Ad Hoc Peer-to-peer Networks
17/10/08	No Seminar	-----
10/10/08	Fazirulhisyam Hashim	Detection of DoS and DDoS attacks in NGMN using frequency domain analysis
3/10/08	Semester Break	-----
26/9/08	Mu Qi	Avoid Road traffic collision in a density traffic scenario
19/9/08	Niloofer Ebrahimi	Cooperative Multipath Cellular Networks
12/9/08	Mu Qi	Avoiding road traffic collision in a dense traffic scenario
5/9/08	Fan Bai	Representative Nodes Control in Event Detecting Application
29/8/08	Yaozhou Ma	Optimal Cooperative Delivery in Intermittently Connected MANETs
22/8/08	Fazirulhisyam Hashim	Adaptive Sampling Strategy for Accurate and Scalable Anomaly Detection in NGMN
15/8/2008	Farshad Javadi	Multi-path routing in a wireless mesh network
8/8/2008	Kumudu Munasinghe	Analysis of Signaling Cost for a Roaming User in a Heterogeneous Mobile Data Networks
1/8/2008	All WiNG Members	Group discussion on hot topics in Wireless Networking research
	Winter Break	-----
1/7/2008 2:30pm	Special Visitor Talk: Prof. Reza Zekavat, Michigan Tech. U.	Wireless Local Positioning Systems
23/6/2008 10am	Special Visitor Talk: Prof. Ekram Hossain, U. Manitoba	Vehicle-to-Infrastructure and Vehicle-to-Vehicle Communications in ITS-Game Theoretical Model
6/6/2008	Niloofer Ebrahimi	Cognitive Radio Networks
30/5/2008	Mu Qi	Inter-Vehicular Communications
23/5/2008	ICC2008	-----
15/5/2008	-Fazirulhisyam Hashim - Fan Bai	A detection and recovery architecture against DoS and worm attacks in NGMN
9/5/2008	- Yaozhou Ma	- Optimized routing framework for intermittently connected mobile ad hoc

	- Fan Bai	networks - 3D-DCT data aggregation technique for regularly deployed wireless sensor networks
2/5/2008	Fazirulhisyam Hashim	Detection of DoS and DDoS Attacks in NGMN Using Frequency Domain Analysis
25/4/2008	Public Holiday	-----
18/4/2008	Kumudu Munasinghe	An Architecture for Mobility Management in Interworked 3G Cellular and WiMAX Networks
11/4/2008	Yaozhou Ma	Cache-based Content Delivery in Opportunistic Mobile Ad Hoc Networks
4/4/2008	Farshad Javadi	Bilateral Shapley Value based Cooperative Gateway Selection in Congested Wireless Mesh Networks
28/3/2008	Semester Break	-----
21/3/2008	Public Holiday	-----
14/3/2008	Fan Bai	Exploit Temporal-Spatial Correlation in Wireless Sensor Network Data Aggregation
<b>Start of 2008 Seminars</b>		
<b>End of 2007 Seminars</b>		
13/12/2007	1.Kumudu Munasinghe 2.Farshad Javadi 3.Fazirulhisyam Hashim	1. Analytical Modeling of IMS based Interworking in Heterogeneous Mobile Data Mobile Networks 2. Distributed Scheduling based Dimensioning Mechanism for Wireless Mesh Networks 3. Hierarchical Security Architecture for Next Generation Mobile Networks
7/12/2007	No Seminar	-----
30/11/2007	Globecom2007	-----
23/11/2007	Globecom2007	-----
16/11/2007	Kumudu Munasinghe	A Unified Mobility and Session Management Platform for Next Generation Mobile Networks
9/11/2007	Farshad Javadi	Game theoretic multi-path selection in Wireless Mesh Network
2/11/2007	Yaozhou Ma	Opportunity-based Data Delivery Framework for Intermittently Connected Mobile Ad Hoc Networks
26/10/2007	All Group Members	Research Conversazione Event
19/10/2007 2pm	Special Visitor Talk: Dr Masashi Ito	Proposal for a Wireless Mesh Network that Realizes Seamless Handover and Its Simulation Results
19/10/2007	All Group Members	Exploring Game Theory Applications in Wireless Networks
12/10/2007	Martin Reisslein	Physical Carrier Sense Based Spanner Construction and Maintenance as well as Broadcast and Convergecast in Ad Hoc Networks
5/10/2007	Rubaiyat Kibria	Game Theory
28/9/2007	Semester Break	-----
21/9/2007	Fazirulhisyam Hashim	Hierarchical Security Architecture for Next Generation Mobile Networks
14/9/2007	No Seminar	-----
7/9/2007	Public Holiday	-----
31/8/2007	Kumudu Munasinghe	Mobility Management QoS Measures Evaluation for Next Generation Mobile Data Networks
24/8/2007	Farshad Javadi	Distributed Scheduling based Dimensioning Mechanism for Wireless Mesh Networks
17/8/2007	Yaozhou Ma	Message Delivery based on Multi-Factors in Intermittently Connected MANETs (ICMANs)
10/8/2007	Fumie Ono	Multiple access interference cancellation in Mesh Networks
3/8/2007	Fan Bai	Data aggregation on spatio-temporal correlation density wireless sensor networks
27/7/2007	Damien Magoni	Research topics at the University Louis Pasteur – Strasbourg
20/7/2007	Abbas Jamalipour	Welcome and discussion on Group activities for the Semester 2, discussions on outcomes of recently attended conferences by members
	Semester Break	-----

8/6/2007	Rubaiyat Kibria	Next Generation Transparent Network Architecture for High-Speed Communications (Part 2)
1/6/2007	Farshad Javadi	Multi Layer Wireless Mesh Network Dimensioning
25/5/2007	Kumudu Munasinghe	Mobility and Session Management Architectures for Interworked WLAN-3G Cellular Networks
18/5/2007	No Seminar	-----
11/5/2007	Fan Bai	Data Aggregation Techniques in Wireless Sensor Networks
4/5/2007	Mohammad Azim	Power and QoS Aware Configurable Routing Technique for Wireless Sensor Networks
27/4/2007	Fazirulhisyam Hashim	Cross-correlated of Security and QoS in Heterogeneous Networks
20/4/2007	Rubaiyat Kibria	Next Generation Transparent Network Architecture for High-Speed Communications (Part 1)
	Farshad Javadi	Report on: GENI: Global Environment for Network Innovations
13/4/2007	Yaozhou Ma	Opportunistic Networking
6/4/2007	Easter Holiday	-----
30/3/2007	Ehssan Sakhaee	On-Board Wireless Internet Systems
23/3/2007	Abbas Jamalipour	New Generation Broadband Mobile Networks (Part I)
	Ehssan Sakhaee	Report on attendance to IEEE WCNC2007, 11-15/3/07