



ITMANET Principal Investigator (PI) Meeting
Final Agenda



ITMANET NequIT Team Session - Tuesday, 25 Jan 2010					
Duration	Start Time	End Time	TOPIC OF DISCUSSION	PRESENTER	
60	8:00 AM	9:00 AM	Breakfast Buffet & Registration		
10	9:00 AM	9:10 AM	Program Status and Introductory Remarks	Dr. Aaron Lazarus	
110	9:10 AM	11:00 AM	Individual Working Team Meeting	NequIT team	
10	11:00 AM	11:10 AM	BREAK		
0			NequIT Discussion with Government		
30	11:10 AM	11:40 AM	Program and Thrust Updates	Prof. Jeff Andrews	
60	11:40 AM	12:40 PM	Open Discussion on "Approach to Work Products" and Final Program Goals	ALL	
60	12:40 PM	1:40 PM	LUNCH		
0			Focus Talks		
15	1:40 PM	1:55 PM	Interference Allomnet -- Beyond One-Hop Wireless Networks	Prof. Sved Jafar	
15	1:55 PM	2:10 PM	Correlation of Link Outages in Low Mobility Wireless Networks	Radha Ganti/Prof. Jeff Andrews	
15	2:10 PM	2:25 PM	Optimized Multi-Antenna Communication in Ad Hoc Networks with Opportunistic Routing	Niranjan Ravindran/Prof. Nihar Jindal	
15	2:25 PM	2:40 PM	Overflow and Discussion	Moderator (if needed): J. Andrews	
10	2:40 PM	2:50 PM	BREAK		
15	2:50 PM	3:05 PM	Some Geometric Properties of an Aloha-like Stability Region	Prof. Steven Weber	
15	3:05 PM	3:20 PM	Information Theoretic Games for Multi-user Interference Networks	Prof. Randall Berry	
15	3:20 PM	3:35 PM	Focus Talk 6	TBD	
15	3:35 PM	3:50 PM	Overflow and Discussion	Moderator (if needed): J. Andrews	

ITMANET Combined Plenary Session - Wednesday, 26 Jan 2010					
Duration	Start Time	End Time	TOPIC OF DISCUSSION	PRESENTER	
30	8:00 AM	8:30 AM	Breakfast Buffet & Registration		
10	8:30 AM	8:40 AM	Introductory Comments & Direction	Dr. Aaron Lazarus	
0			FlowS PI Talks		
20	8:40 AM	9:00 AM	FlowS Summary: Past, Present, and Future	Prof. Andrea Goldsmith	
20	9:00 AM	9:20 AM	Equivalence Beyond Random Channels	Prof. Michelle Effros	
20	9:20 AM	9:40 AM	Wireless Network Coding	Prof. Muriel Medard	
10	9:40 AM	9:50 AM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	
10	9:50 AM	10:00 AM	BREAK		
20	10:00 AM	10:20 AM	Communication and Approximate Dynamic Programming	Prof. Sean Meyn	
20	10:20 AM	10:40 AM	Distributed Optimization via the Alternating Direction Method of Multipliers	Prof. Stephen Boyd	
20	10:40 AM	11:00 AM	Markovian Lattices	Prof. Tom Cover	
10	11:00 AM	11:10 AM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	
150	11:10 AM	1:40 PM	Lunch and Joint Poster Session		
0			NequIT PI Talks		
20	1:40 PM	2:00 PM	NequIT Team Update	Prof. Jeff Andrews	
30	2:00 PM	2:30 PM	From Theory to Practice - A PHY/MAC for Ad-hoc Networks	Prof. Sanjay Shakkottai	
30	2:30 PM	3:00 PM	The Local Delay in Mobile Ad Hoc Networks	Prof. Martin Haenggi	
10	3:00 PM	3:10 PM	Overflow and Discussion	Moderator (if needed): J. Andrews	
10	3:10 PM	3:20 PM	BREAK		
30	3:20 PM	3:50 PM	Virtual Full-Duplex MANET: Theory and Practice	Prof. Donatino Guo	
30	3:50 PM	4:20 PM	Multi-Hop Networking with Hard delay constraints	Prof. Michael Neel	
10	4:20 PM	4:30 PM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	
60	4:30 PM	5:30 PM	Joint Poster Session		

ITMANET FlowS Team Session - Thursday, 27 Jan 2010					
Duration	Start Time	End Time	TOPIC OF DISCUSSION	PRESENTER	
60	8:00 AM	9:00 AM	Breakfast Buffet		
10	9:00 AM	9:10 AM	Program Status and Introductory Remarks	Dr. Aaron Lazarus	
0			Focus Talks		
20	9:10 AM	9:30 AM	Capacity under Severe Outage	Prof. Pierre Moulin	
20	9:30 AM	9:50 AM	Dynamical Systems and Reliable Communication	Prof. Todd Coleman	
20	9:50 AM	10:10 AM	Distributed optimization with state-dependent communication	Prof. Asu Ozdaglar	
10	10:10 AM	10:20 AM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	
10	10:20 AM	10:30 AM	BREAK		
20	10:30 AM	10:50 AM	Positive Recurrent Medium Access	Prof. Devavrat Shah	
20	10:50 AM	11:10 AM	Mean Field Equilibrium in Games	Prof. Ramesh Johari	
10	11:10 AM	11:20 AM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	
60	11:20 AM	12:20 PM	Individual Working Team Meeting	FLoWS team	
60	12:20 PM	1:20 PM	LUNCH		
50	1:20 PM	2:10 PM	Individual Working Team Meeting (continued)	FLoWS team	
0			FlowS Discussion with Government		
30	2:10 PM	2:40 PM	Program and Thrust Updates	Prof. Andrea Goldsmith	
60	2:40 PM	3:40 PM	Open Discussion on "Approach to Work Products" and Final Program Goals	ALL	
15	3:40 PM	3:55 PM	Overflow and Discussion	Moderator (if needed): A. Goldsmith	

FlowS PIs:
Andrea Goldsmith
Stephen Boyd
Todd Coleman
Tom Cover
Michelle Effros
Abbas El Gamal
Ramesh Johari
Muriel Medard
Sean Meyn
Pierre Moulin
Asuman Ozdaglar
Devavrat Shah
Lizhong Zheng

Nequ-IT PIs:
Jeff Andrews
Randall Berry
Donatino Guo
Martin Haenggi
Robert Heath
Sved A. Jafar
Nihar Jindal
Dina Katabi
Michael Neel
Sanjay Shakkottai
Steven Weber
Avlin Yener