

**CS 598 Advanced Topics in Wireless Networks**

**Tentative Course Schedule**

Week	Subject	Presenter	E-mail address
1/18	Overview	J. Hou	jhou@cs.uiuc.edu
1/20	Motivation paper [1]	Zheng Zeng	zzeng2@cs.uiuc.edu
	Motivation paper [2]	Yong Yang	yang25@cs.uiuc.edu
1/25	Interference mitigation [3]	Matt Belcher	mbelcher@uiuc.edu
	Interference mitigation [4]	Yong Yang	yang25@uiuc.edu
1/27	Interference mitigation [5]	Chaegwon Lim	clim7@uiuc.edu
	Interference mitigation [6]	J. Hou	jhou@cs.uiuc.edu
2/01	Power control [8]	J. Hou	jhou@cs.uiuc.edu
	Power control [9]	Andrew Tzakis	tzakis@uiuc.edu
2/03	Power control [7]	Luke Kung	kung@cs.uiuc.edu
	Power control [11]	Zahid Anwar	anwar@uiuc.edu
2/08	Power control [12]	Zheng Zeng	zzheng2@uiuc.edu
2/10	Physical carrier sense [13]	J. Hou	jhou@cs.uiuc.edu
	Physical carrier sense [14]	Chaegwon Lim	clim7@uiuc.edu
2/15	Rate control [15]	Zahid Anwar	anwar@cs.uiuc.edu
	Rate control [16]	J. Hou	jhou@cs.uiuc.edu
2/17	Rate control [17]	J. Hou	jhou@cs.uiuc.edu
	Rate control [18]	Chaegwon Lim	clim7@uiuc.edu
2/22	Channel diversity [19]	Yong Yang	yang25@uiuc.edu
	Channel diversity [20]	Chun-Cheng Chen	chen35@uiuc.edu
2/24	QoS provisioning [27]	Andrew Tzakis	tzakis@uiuc.edu
3/01	Routing [32]	Matt Belcher	mbelcher@uiuc.edu
	Routing [33]	Ying Huang	huang23@uiuc.edu
3/03	Routing [34]	Hoang Nguyen	hnguyen5@uiuc.edu
	Routing [35]	Zahid Anwar	anwar@uiuc.edu
3/08	Routing [36]	Tae-Suk Kim	tskim@uiuc.edu
3/08	Routing [37]	Matt Belcher	mbelcher@uiuc.edu
3/10	Routing [38]	Jin Heo	jinheo@uiuc.edu
	Routing [39]	Ting-Yo Lin	tylin@csie.nctu.edu.tw
3/15	MAC modeling [20]	Hoang Nguyen	hnguyen5@uiuc.edu
3/17	MAC modeling [21]	Chunyu Hu	chunyuhu@uiuc.edu
	MAC modeling [22]	Andrew Tzakis	tzakis@uiuc.edu
3/22	Spring Break	No presentation	

3/29	Channel behavior modeling [29]	Luke Kung	kung@cs.uiuc.edu
3/31	Channel behavior modeling [30]	J. Hou	jhou@cs.uiuc.edu
4/05	MAC modeling [23] MAC modeling [24]	Chunyu Hu J. Hou	chunyuhu@uiuc.edu jhou@uiuc.edu
4/07	MAC modeling [25] MAC modeling [26]	Luke Kung Ying Huang	kung@cs.uiuc.edu huang23@uiuc.edu
4/12	Capacity analysis [40]	Hoang Nguyen	hnguyen@uiuc.edu
4/14	Capacity analysis [41] Capacity analysis [42]	Zeng Zheng Jin Heo	zzeng2@uiuc.edu jinheo@uiuc.edu
4/19	Capacity analysis [43] Capacity analysis [44]	Chun-Cheng Chen Ying Huang	chen35@uiuc.edu huang23@uiuc.edu
4/21	Capacity analysis [45]	J. Hou	jhou@cs.uiuc.edu
4/26	Cross layer optimization [46] Cross layer optimization [47]	J. Hou J. Hou	jhou@cs.uiuc.edu jhou@cs.uiuc.edu
4/28 8	Cross layer optimization [48] Cross layer optimization [50]	Chun-Cheng Chen Chunyu Hu	chen35@uiuc.edu chunyuhu@cs.uiuc.edu
5/03	INFOCOM 2006 paper [1] INFOCOM 2006 paper [2]	Jin Heo	jinheo@uiuc.edu
5/05	INFOCOM 2006 paper [3] INFOCOM 2006 paper [4]		