

Date	Topic/paper	Speaker	Paper #
1/22/13	Introduction to P2P and Social Networks	Ghosh	Barabasi: Linked
1/24/13	Random Graphs	Ghosh	--
1/29/13	Power law graphs	Ghosh	Kleinberg Ch. 18
1/31/13	Centrality measures in Social networks	Ghosh	Kleinberg Ch. 3
2/5/13	Small world	Ghosh	[8][9]
2/7/13	Small world [Homework 1 assigned]	Ghosh	[8][9]
2/12/13	P2P network: Gnutella [Project team composition due]	Ghosh	[3]
2/14/13	Plaxton routing [Homework 1 due]	Ghosh	[6][41]
2/19/13	P2P network: Tapestry	Ghosh	[26]
2/21/13	Chord [Quiz 1: 30 minutes]	Ghosh	[2] + Tech Report
2/26/13	Chord	Ghosh	[2] + Tech Report
2/28/13	Skip list & Skip graph [Project proposal due]	Ghosh	[12]
3/5/13	Skip graph		[12]
3/7/13	Strength of Weak Ties Network Creation Game	Grant Lindburg Thamer Al-Sulaiman & Jeremy Gilbert	[46] [34]
3/12/13	Measurements on P2P	Ghosh	[25]
3/14/13	Koorde Symphony	Rahil Sharma Ruoyu Zhang & Baoluo Meng	[4] [1]
	SPRING BREAK	SPRING BREAK	
3/26/13	Replication	Ghosh	[18][19]
3/28/13	Freenet Skype [Homework 2 assigned]	Sikder Rezwanul Huq Yixin Chen & Hao Zheng	[4] [24][24a]
4/2/13	Pastry Content Addressable Network	Ghosh Syed Shabih Hasan	[6] [7]
4/4/13	Sybil Attack Bubblerep Cloud vs. P2P	Claire Calkins Wenjun Wang Jingwei Ji	[28] [42] [48]
4/9/13	Oceanstore [Homework 2 due]	Ghosh	[29]
4/11/13	Cassandra File System DHT Routing Using Social Links	Bhargavi & Renjitha Nair Xinmei Zhang	[47] [49]
4/16/13	Social Interactions in Mobile Systems Bamboo Who's Who in Twitter [Interim project report due]	Junchuan Fan  Chutian Gao Jared Sandersfeld	[43]  [50] [40]

4/18/13	BitTorrent [Quiz 2: 30 minutes]		[14][15]
4/23/13	Eclipse Attack Beehive Incentives for P2P	Jake Kersten Tengyu Wang Eric Jacobson	[27] [44] [30]
4/25/13	Kademlia	Ghosh	[14][15]
4/30/13	Darknet Content-based PubSub Scribe	Jamie Moore Ming Jiang Varun Nelakonda	[22] [13] [9]
5/2/13	Project presentation	3 groups	
5/7/13	Project presentation	3 groups	[20]
5/9/13	Project presentation FINAL PROJECT REPORT DUE	3 groups	
Final exam day	Project presentation	3-4 groups	