
**CS 597 – Special Topics: Information Retrieval
Schedule**

Date	Topic/Paper	Assignment Due
01/13	Intro to the course // What is Information Retrieval?	
01/15	How do we identify research projects? IR areas overview	
01/20	IR areas overview – Web search	
01/22	IR areas overview – Query suggestions & question answering	
01/27	IR areas overview – QA (cont.) & Recommendations	3 paper selection
01/29	IR areas overview –Recommendations & Big Data	
02/03	Temporal Feedback For Tweet Search Visual Information Retrieval	Axel Iker
02/05	Image Information Retrieval Composite Retrieval of Heterogeneous Web Search	Iker Tamanna
02/10	Project Proposal Presentations	
02/12	Interactive Intent Learning for Search Result Diversification	Kelsey Fatimah
02/17	Was This Review Helpful To You?: It Depends! Context And Voting Patterns In Online Content Real Life Information Retrieval/ Understanding The Relationship Between Searchers' Queries And Information Goals	Kim Arthur
02/19	Collaborative Personalized Twitter Search With Topic Language Models Time Critical Search	Milson Kelsey
02/24	Common Performance Measures In IR	Sole
02/26	Composite Retrieval of Heterogeneous Web Search Query Suggestions In The Absence Of Query Logs	Tamanna Ujjwal Term paper proposal
03/03	Query Recommendation For Children	Jason
03/05	Learning To Suggest : A Machine Learning Framework For Ranking Query Suggestions	Shahrzad
03/10	Learning From The Past: Answering New Questions With Past Answers	Deepa Tamanna

	Structured Query Suggestions For Specialization And Parallel Movement: Effect On Search Behaviors	
03/12	QUADS: Question Answering For Decision Support	Jesse
03/17	Discovering Value From Community Activity On Focused Question Answering Sites: A Case Study Of Stack Overflow	Deepa
03/19	Finding The Right Facts In The Crowd	Ion
03/24	Spring Break – No Class	
03/26	Spring Break – No Class	
03/31	Comparative Recommender System Evaluation Beyond Accuracy: Evaluating Recommender Systems by Coverage and Serendipity	Nevena Ujjwal
04/02	Predicting The Ratings Of Multimedia Items For Making Personalized Recommendations Building User Profiles To Improve User Experience In Recommender System	Milson Shahrzad
04/07	Rating Meet Reviews	Nevena
04/09	Demographics, Weather, And Online Reviews: A Study Of Restaurant Recommendations LCARS: A Location-Context-Aware Recommender System	Fatimah Jason
04/14	Automating Readers' Advisory To Make Book Recommendations For K-12 Readers Social Book Search Re-ranking With Generalized Content-Based Filtering	Ion Kim
04/16	Ensemble Contextual Bandits For Personalized Recommendations	Axel
04/21	Fast Topic Discovery From Web Search Streams Load Balancing For Partition Based Similarity	Jesse Arthur
04/23	Final Project Presentation (cont.)	
04/28	Final Project Presentation (cont.)	
04/30	Final Project Presentation (cont.)	Final Paper due
05/07	Take-home final exam due by 5pm	