

## INF3800 Søketeknologi, våren 2011

Forelesning	Dato (mandag)	Emne	Pensum
1	17/1	Introduction, overview, context, landscape.	
2	24/1	Inverted indices, basics. Boolean retrieval, posting lists and operations on these.	Chapters 1 and 2.
3	31/1	String matching fun. Suffix arrays, tries and automata.	Chapter 3 and selected papers.
4	7/2	Index construction.	Chapter 4.
5	14/2	Approximate matching, spellchecking.	Selected papers.
6	21/2	Index compression.	Chapter 5.
7	28/2	Relevancy, ranked retrieval.	Chapters 6 and 7.
8	7/3	<i>Ingen forelesning</i>	
9	14/3	Evaluation metrics, precision, recall. Query expansion, rewriting techniques, relevance feedback.	Chapters 8 and 9.
10	21/3	Classification.	Elements of chapters 13, 14 and 15.
11	28/3	Clustering.	Elements of chapters 16, 17 and 18.
12	4/4	Crawling, dealing with spam.	Elements of chapters 19 and 20.
13	11/4	Big data, web-scale data management, MapReduce and Hadoop.	Selected papers.
	18/4	<i>Påske</i>	
	25/4	<i>Påske</i>	
14	2/5	Uses of POS tagging, entity extraction, XML search.	Elements of chapter 10 and selected papers.
15	9/5	TBD. Spillover.	
16	16/5	TBD. Spillover.	