

Calendar of Activities

Last update: 2021-08-10

Lecture	Date	Topic	Readings	Problem-Sets Due	Notes
---	May-18	Welcome to new students			
01	May-20	Introduction: An overview of Quantitative Information Flow			On-line, live lecture
02	May-25	Introduction to QIF	Chap. 1	Problem Set 0 - Discrete Probability (Supplemental material)	On-line, live lecture
03	May-27	Modeling secrets	Chap. 2		On-line, live lecture
04	Jun-01	On g-vulnerability	Chap. 3	Problem Set A - Chap. 01 (Introduction to QIF)	On-line, live lecture
---	Jun-03	Holiday: Corpus Christi			
05	Jun-08	On g-vulnerability	Chap. 3		On-line, live lecture
06	Jun-10	Channels	Chap. 4		On-line, live lecture
07	Jun-15	Channels	Chap. 4	Problem Set B - Chap. 02/03 (Modeling secrets / On g-vulnerability)	On-line, live lecture
08	Jun-17	Posterior vulnerability and leakage	Chap. 5		On-line, live lecture
09	Jun-22	Posterior vulnerability and leakage	Chap. 5	Problem Set C - Chap. 04 (Channels)	On-line, live lecture
10	Jun-24	Posterior vulnerability and leakage	Chap. 5		On-line, live lecture
11	Jun-29	Spare class / Review	---		On-line, live interactive meeting
12	Jul-01	First exam		Problem Set D - Chap. 05 (Posterior vulnerability and leakage)	Remote exam
13	Jul-06	Robustness / Capacity	Chap. 6 / 7		On-line, live lecture
14	Jul-08	Capacity	Chap. 7		On-line, live lecture
15	Jul-13	Composition of channels	Chap. 8	Problem Set E - Chap. 06/07 (Robustness / Capacity)	On-line, live lecture
16	Jul-15	Composition of channels / Instructions about the seminar	Chap. 8		On-line, live lecture
17	Jul-20	Refinement	Chap. 9	Problem Set F - Chap. 08 (Composition of channels)	On-line, live lecture
18	Jul-22	Refinement	Chap. 9		On-line, live lecture
19	Jul-27	Discussion about the seminar	---		On-line, live interactive meeting
20	Jul-29	The Dalenius perspective	Chap. 10		On-line, live lecture
21	Aug-03	The Dalenius perspective / The geometry of hypers, gains and losses	Chap. 10 / 12		On-line, live lecture
---	Aug-05	Class cancelled.			
22	Aug-10	Axiomatics	Chap. 11	Problem Set G - Chap. 09/10 (Refinement / The Dalenius perspective)	On-line, live lecture
23	Aug-12	Applications: The Crowds Protocol	Chap. 18		On-line, live lecture
24	Aug-17	Advanced topics: Differential privacy	Supplemental material		On-line, live lecture
25	Aug-19	Spare class / Review		Problem Set H - Chap. 11/12/18 (Axiomatics / The geometry of hypers, gain and losses / The Crowds Protocol)	On-line, live lecture
26	Aug-24	Second exam			Remote exam
27	Aug-26	Seminars			On-line, live interactive meeting
28	Aug-31	Seminars			On-line, live interactive meeting
29	Sep-02	Seminars			On-line, live interactive meeting
30	Sep-03	Make-up exam (On a Friday!)			Remote exam