Modul 1 The emergence of a knowledge society

The goal of this module is to give an overview of how European societies developed new forms of knowledge (science) and new ways of using knowledge for specific purposes. The main focus is how the Scientific and Industrial Revolutions introduced new forms of knowledge and practices which are still relevant for analysis of modern societies, and how we analyze technologies and knowledge as social phenomena.

Module coordinator: Olav Wicken.

Week 34 – Scientific knowledge

Date	Time	Title of lecture	Lecturer	Literature
Monday 17.08	09.15-11.00	Welcome!	Sissel, Fulvio, Lene	
Monday 17.08	11.15-12.00	Knowledge in historical transformation	Olav Wicken	Handouts
Tuesday 18.08	09.15-11.00	The Scientific revolution	Olav Wicken	Shapin (1998)
Thursday 22.08	09.15-11.00	Scientific knowledge	Olav Wicken	Schaffer and Shapin (1985)

Week 35 – Useful Knowledge

Date	Time	Title of lecture	Lecturer	Literature
Monday 26.08	09.15-11.00	Technology and Science in the Industrial Revolution	Olav wicken	Mowery and Bruland in Oxford Handbook (2005): Chap. 13, Mokyr (1992): Chap. 5
Tuesday 27.08	09.15-11.00	Useful knowledge	Olav Wicken	Mokyr (2005)

Thursday 29.08	09.15-11.00	Useful knowledge II	Olav Wicken	Mokyr (2005), Berg (2007)	
Friday 30.08					
WEEK 36 – Technologies, networks and systems					
Monday 31.08	09.15-11.00	Large technological systems	Olav Wicken	Hughes (1987)	
Tuesday 01.09	09.15-11.00	Networks in science and innovation	Olav Wicken	Powell and Grödal in Oxford Hanbook (2005):	ES 847
Thursday 03.09	09.15-11.00	Workshop	Olav Wicken	Students' presentation	