Management, Organization and ICT.

PhD-course, 7.5hp, Spring 2017
Management, Organisation and ICT. PhD-course, 7.5hp
Spring 2017.

Background and purpose
An important theoretical point of departure for this doctoral course is the importance of cognition – how we individually, but also collectively/“socially”, think and act. During the course, we focus this perspective on the ongoing interplay between management, organisation and ICT. The way we think, and the tools we are using to support our thinking, is important for how we perceive, define, analyse and act in many organisational situations. It is therefore, also common to compare ICT with the microscope and telescope. From a cognitive view on management we will discuss some central concepts, for example, decision making, sense making and knowledge creation.

Our thinking in, and about, organisations is closely related to the need and use of information. For example, we often assume that we need information for decision-making; we often see information as important for organisational coordination and access to information is often central for individual and collective motivation.

Traditionally our understanding of information follows a tradition from Norbert Wiener (Cybernetics) and Claude Shannon (Communication theory). Important concepts related to this view are, for example, signal, noise and feedback. What this well-established tradition lacks is an interest in the meaning, an interpretation, of information. It is also less oriented towards what action we can get from this information.
During the course, we also want to highlight the contribution of Herbert Simon, into the field of management, organisation and IT. We focus especially on Simon’s influential, but also criticised view/metaphor of “the human brain as a computer.”

**Course requirements**

The course is divided into a number of subthemes (see below), all with a relation to an organisational topic and most of them connected to some important IT-tools. The course requirements are, active participation during seminars and by writing three short papers (about 2-pages), and one final paper.

**Course language:** English.

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Room K312- Uppsala, Ekonomikum, Kyrkogårdsg. 10C, 1 stairs up, left
Day 1. Uppsala, April 20, 2017 at 10:30-16, H429

Theme 1: A cognitive view of management, organisation and information.


Day 2. Uppsala, May 4, 2017 at 10.15-16, K312

Theme 3. Communication in, and between, organisations. Example of Internet.


Day 3. Uppsala, May 18, 2017, 10:15-16, K312

Theme 5. Individual and collective decision-making. Example: Business Intelligence and Big Data.


Theme 6. Organisational knowledge creation and knowledge sharing. Example: Machine Learning, Social Media; “Watson”.

Day 4.  Uppsala, June 1, 2017, 10:15.-16, K312

Theme 7. Organisational memory. Example: Data Base & Boundary Objects


Theme 8. Organisational routines/work and IT – embedded IT & Affordance.

**Theme 9. Organisational power and IT.**


**Theme 10. Organisational development and IT. New roles and responsibilities.**

