

UiO : Universitetet i Oslo

inf 5200:

Computer Supported Co-operative Work



Tone Bratteteig

+

Audun Larsen

Hani Murad



inf5200: 27/1 2016

two-handed saw



woodmen with two-handed saw,
Ringsaker, Hedmark 1890-1920

two-handed saw

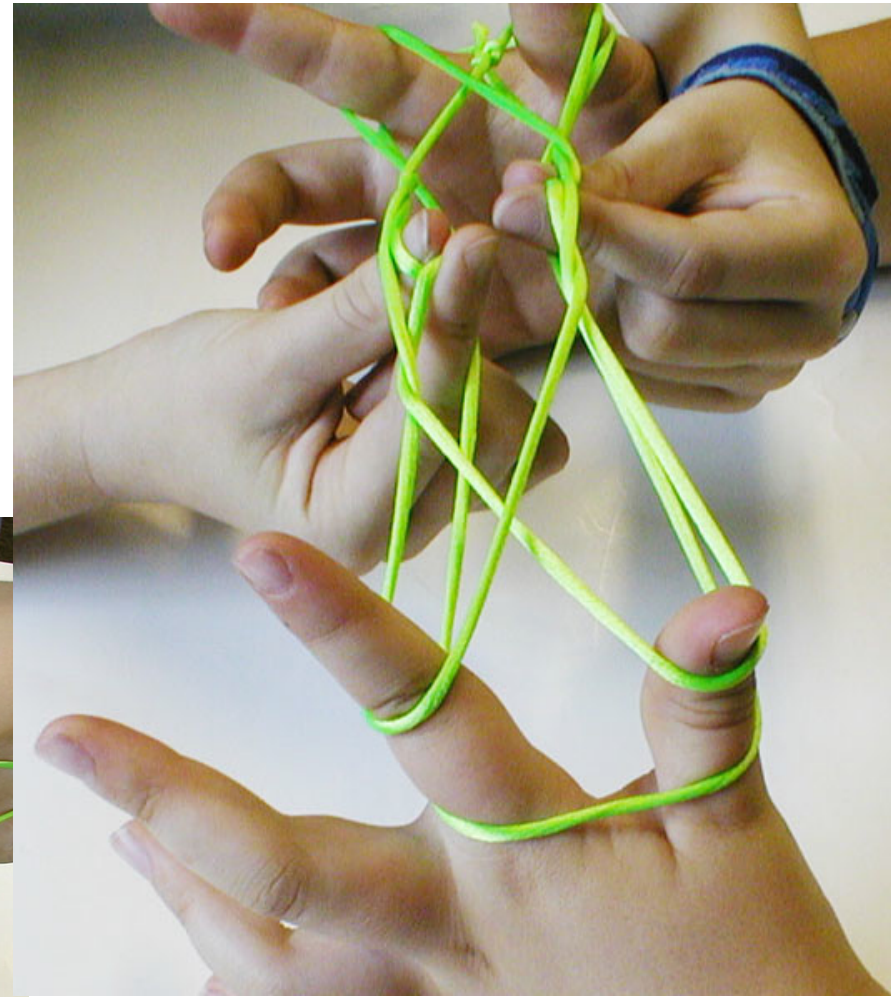
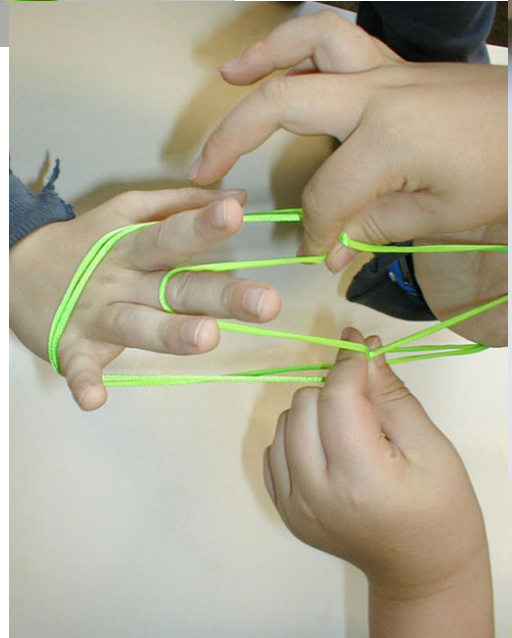
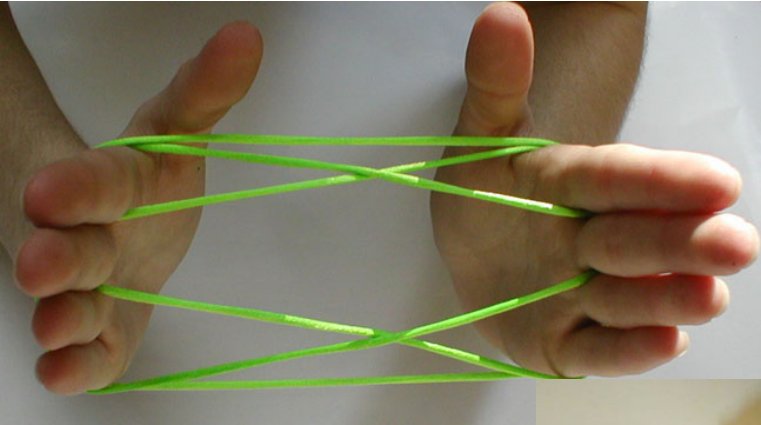


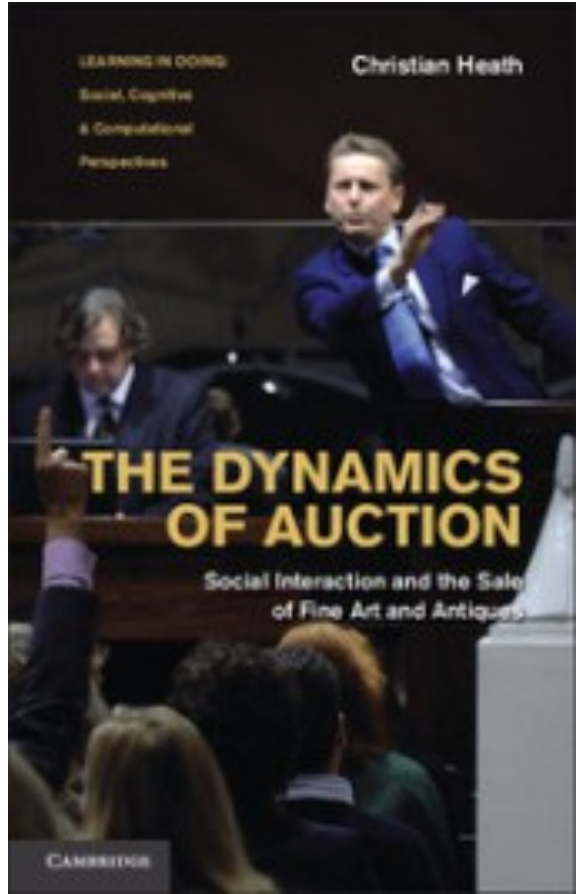
Christmas tree for Newcastle:
Erna Solberg (prime minister)
& Trude Drevland (mayor
Bergen)

Christmas tree for Reykjavik:
Khamshajiny Gunaratam
(vice mayor Oslo) and Dagur
Eggertsson (major Reykjavik)
(2015)



cats cradle





from The Intervention Center
at Oslo University Hospital









what & why cscw

computer supported cooperative work

aims to understand the complexity of human cooperation
interacting with, and supported by, things around us
with the purpose of designing improved support

what & why cscw

computer supported cooperative work

- interplay between work & human activity with things & design
- many analytical levels: individual, groups, org. & society
- many different theories can be used
- +
- addresses the complexity of the use context
- multi-disciplinary
- design-oriented
- open to challenges & changes

purpose of the course

Course content

The course aims to give an overview of the research field Computer Supported Cooperative Work (CSCW). The articles and discussions concern concepts and theories within the CSCW field, various approaches to and within the research field, studies of use of groupware and discussions about development of CSCW.

learning objectives

Learning outcomes

The course aims to give Master students in informatics an overview of the research field of CSCW that can constitute a basis for their own research in the field. The student should be able to give an account of the most important research traditions and problem statements within the field, and they should know current debates about CSCW. Furthermore, they should know some groupware examples, and be able to discuss some particularities in the development of CSCW. Emphasis will be given to their own positioning within the research field.

structure and organization

- one theme every week
- read the mandatory articles about the theme (normally 2)
- prepare a reading note per article (summary / question / comment)
- discuss article in class
 - small groups + plenary
 - based on own notes & Tone's questions

INF5200 Spring 2016 – preliminary plan (14/1/16)

<i>week date</i>	<i>themes for class</i>	<i>literature</i>	
4 27/1	intro		
5 3/2	guest lecture Alex Read cooperative work in CERN		<i>groupware use exercise -> 10/2</i>
6 10/2	what is cscw and cooperative work	Schmidt&Bannon, Bowers et al	
7 17/2	theories in cscw: work and work practices	Schmidt, Gasser	
8 24/2	cooperative work in IT	Grinter, Procter et al	
9 2/3	theories in cscw: activity theory	Bardram, Halversen	
10 9/3	theories in cscw: actor-network theory	Berg, Aanestad	
11 16/3	infrastructuring and eScience	Star&Ruhleder, Karasti et al	
12 23/3	Easter holiday	Easter holiday	
13 30/3	concepts in CSCW: awareness	Heath&Luff, Heath et al	
14 6/4	cooperative mobile work	Luff&Heath, Ciolfi&de Cavalho	
15 13/4	pervasive technology	Jiang, Klann ?Pipek?	
16 20/4	theories in cscw: coordination mechanisms	Carstensen&Sørensen, Schmidt &Simone	
17 27/4	cscw outside work: virtual worlds & museums	Nardi&Harris, Wong et al, Bardzell et al, Grinter et al	
18 4/5	cscw outside work: in the home & social media	Edwards&Grinter, Bratteteig&Wagner Ashkanasy et al, Baumer et al	
19 11/5	design of CSCW	Robinson, Carstensen&Schmidt eller Grudin?	
20 18/5	participatory design & CSCW	Kensing&Blomberg, Bratteteig & Wagner ny	
21 25/5	reflection & discussion	Schmidt&Bannon sum 25 years	<i>report due 23/5</i>
22 1/6	summary & hints for the exam	summary & hints for the exam	
23-24 6-17/6	NOT DECIDED	oral exam	

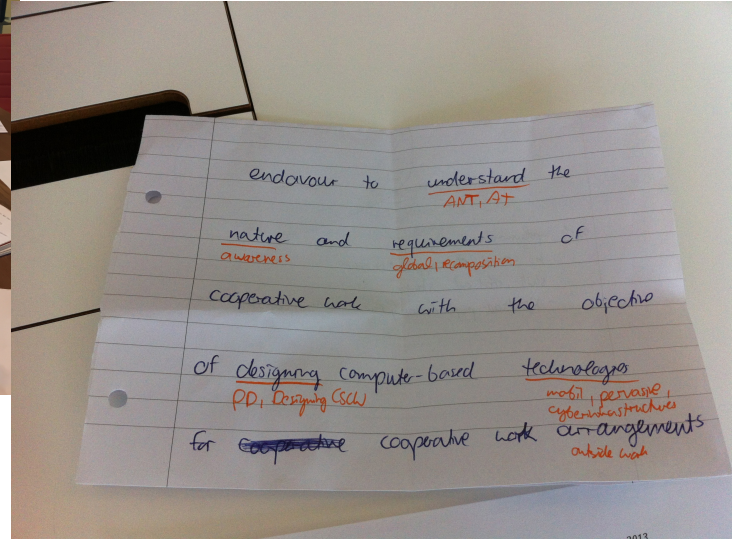
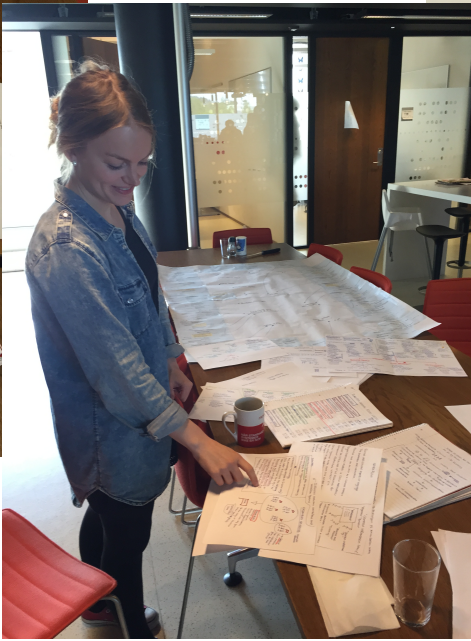
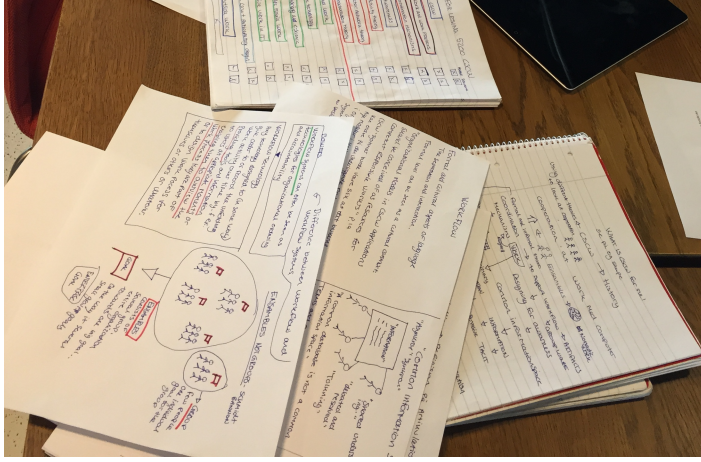
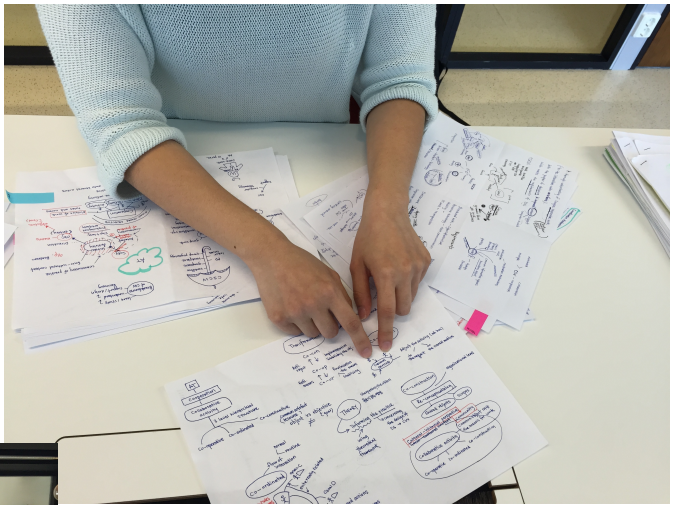
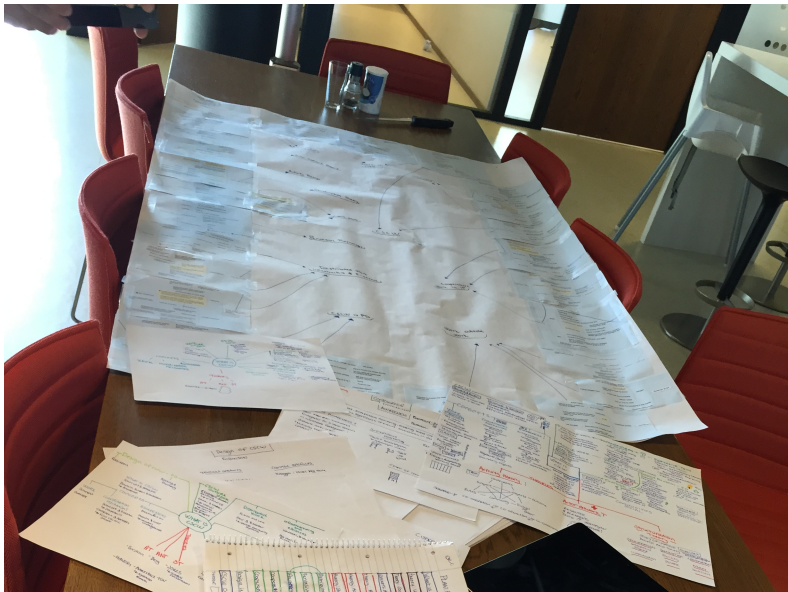
plan 2016

Structure & mandatory tasks
 participation in 12 discussion
 sessions ($\approx 80\%$ of 15 sessions)

deliverables:
 12 reading notes
 ($\approx 80\%$ of 15 weekly readings)

groupware exercise (2/2)
 report (23/5)





what & why cscw

computer supported cooperative work

aims to understand the complexity of human cooperation
interacting with, and supported by, things around us
with the purpose of designing improved support

Course aims

- overview of research field
- conceptual understanding
- develop own position

next week

guest lecture

Alexander Lincoln Read

Norwegian

Professor - High Energy Physics



Email a.l.read@fys.uio.no
Phone +47-22855062
Fax +47-22856422
Room FØ381
Username [Log in](#)

Visiting address Fysikkbygningen
 Sem Sælands vei 24
 0371 OSLO

Postal address Postboks 1048 Blindern
 0316 OSLO

 [Press photo](#)  [Download business card](#)

Academic Interests

Search for the Higgs boson with the ATLAS experiment at CERN; how do particles with no size have a mass? Statistical treatment of search results (e.g. looking for the Higgs); how to make best use of the limited data one has in searches for new physics (likelihood ratio); how to avoid aggressive conclusions about exclusion (the absence of a new signal) beyond the sensitivity limit of an experiment (the CLs prescription, often referred to as the "CLs method")? Grid-computing, i.e. distributed high-throughput computing and massive data storage; how to connect administratively and (world-wide) geographically distributed computation and storage resources into a single virtual supercomputer (e.g. the ATLAS Distributed Computing System).



groupware exercise

- write/draw a page together over distance
- hand in the drawing + reflections on how the cooperation went