

#### UiO **Universitetet i Oslo**

# Informatikk: design, bruk, interaksjon 40-gruppe: støttefag fra «HumSam»

**Tone Bratteteig** 



ifi

28/52021

### 40-gruppe: støttefag fra «HumSam»

hvorfor 40-gruppe?

- en smak av tverrfaglighet
- trene på å skifte perspektiv
- lære annet verdenssyn
- nyttig fagkunnskap
- lære om brukskontekst

https://www.mn.uio.no/ifi/studier/programmer/#bachelor https://www.uio.no/studier/program/inf-design/index.html

### emner bachelor

#### sem

6	40-gruppe	fritt emne / 40-gruppe	in2150 IT i organisasjoner	
5	utviklingssemester / fritt emne / 40-gruppe			
4	in2000 - software engineering		40-gruppe	
3	ex-phil	40-gruppe	in2020 - metoder i IxD	
2	in1010 - OO program.	in1030 - systemer,krav &	in1060 - bruksor. Design	
1	in1000 - intro til OO	in1020 - intro datatekn.	in1050 - intro DBI	

in3100 – IT og samfunn (utgått) in3220/4220 Å forstå bruk før bruk (nytt) inf3280 – IT-kompetanse i organisasjoner in3250 – prosjektoppgave i interaksjonsdesign in3010 – transformativt design (nytt)

> in1150 – logiske metoder in2010 – databaser og datamodellering in2120 – informasjonssikkerhet in3240 – testing av programvare

### emner bachelor

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- 90 p. obligatoriske fellesemner
- 20 p. obligatoriske fordypningsemner
- valgfritt støttefag 40-gruppe, 40 p.
- utviklingssemester / frie emner, 30 p.

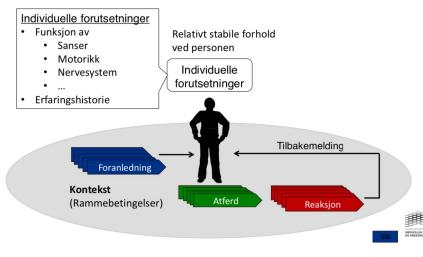
psykologi, organisasjon/ledelse/erfaring, pedagogikk, sosiologi, forvaltningsinformatikk, samfunnsøkonomi, statsvitenskap mm.

#### Nils-Øivind Offernes

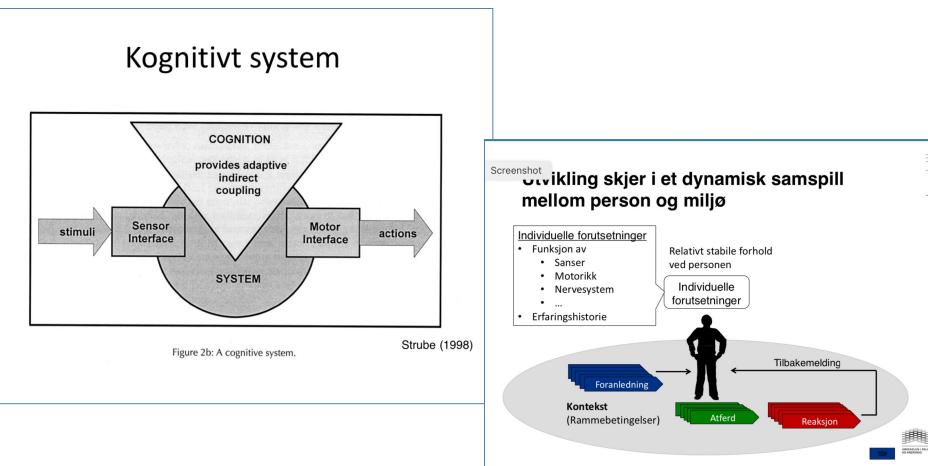
#### Hva er psykologi?

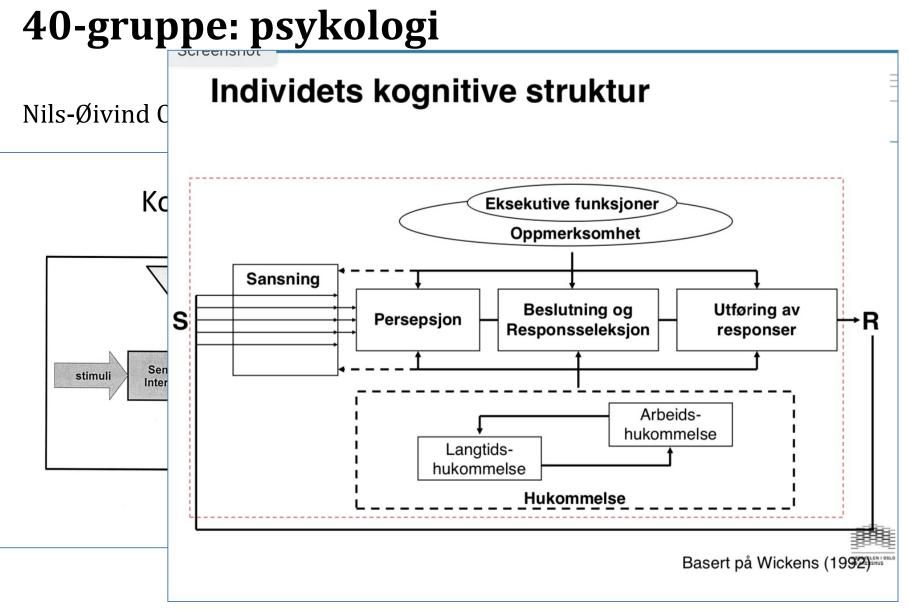
- Psykologi = vitenskapen om menneskers atferd
  - I dag studerer vi menneskesinnet gjennom å observere menneskers atferd og mentale aktivitet.
  - –Mål: Å forklare hvorfor mennesker handler som de gjør.
- Atferd = Alle observerbare handlinger som et menneske gjør
- Mental aktivitet = persepsjon, hukommelse, tanker og følelser.
  - -Mental aktivitet er et resultat av biologiske prosesser i hjernen.





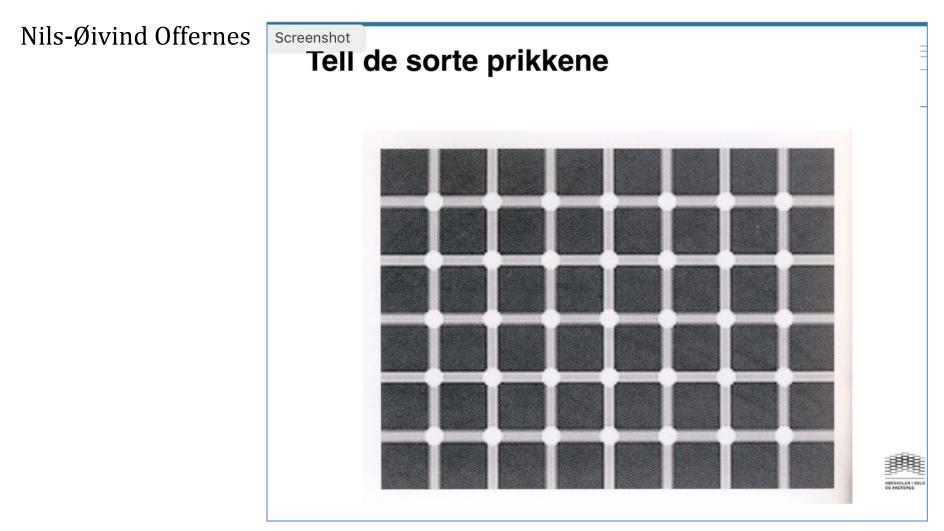
#### Nils-Øivind Offernes





Tone Bratteteig, 28/5 2021



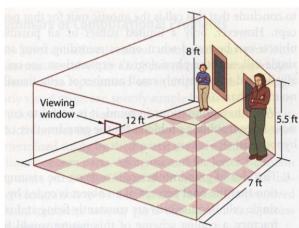


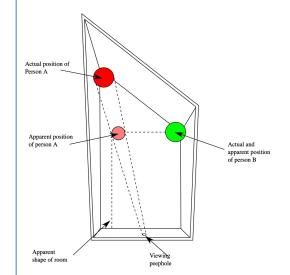


#### Nils-Øivind Offernes

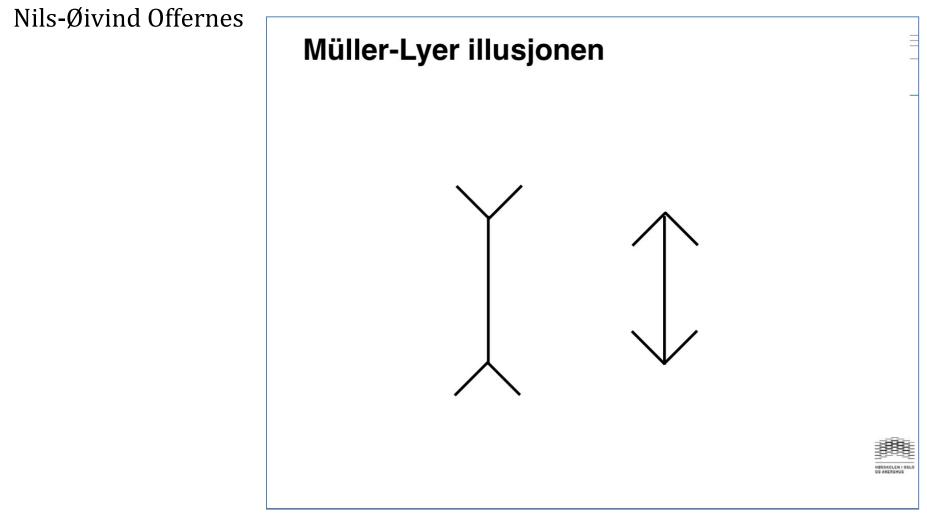
### The Ames room



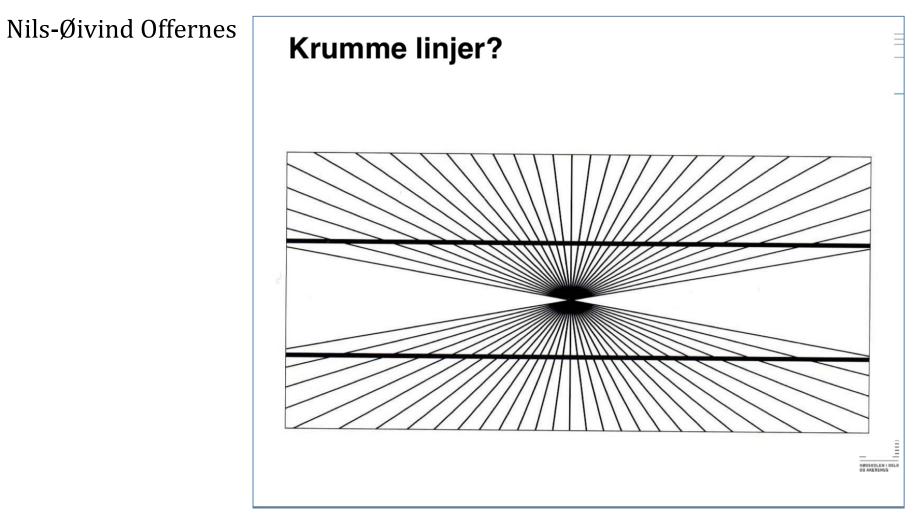




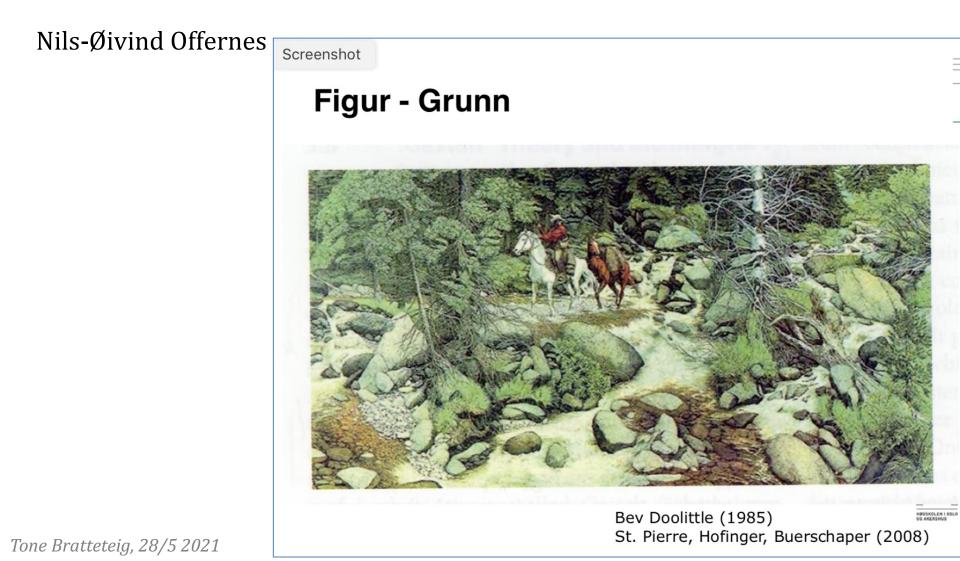














#### Svein Hovde



Svein Hovde

#### <sup>Screenshot</sup> Hva er en hverdagssituasjon?

Bestemte, konkrete konstellasjoner

- av enkeltpersoner, folk i grupper, folkemasser som
- utfører oppgaver, gjøremål eller virksomheter
- har behov, interesser, verdier og identiteter
- mobiliserer makt/føler avmakt og kunnskap
- og samarbeider under bestemte forutsetninger
- i en sammenheng der de relaterer seg til, omgås eller gjør bruk av ting eller materiell
- som kan være ordinære og rutiniserte eller ha form av "unntak"

Svein Hovde

#### Makt

Evnen til å få andre til å gjøre noe de ellers ikke ville ha gjort

- Det folk gjør under påvirkning av makt må ikke nødvendigvis være i strid med deres interesser, behov eller identitet
- Hva gjør den (mot)makt som kan mobiliseres nedenfra via Internett og sosiale medier?
- Påvirkes maktforhold i økonomi og politikk av "the makers movement"?

13.05.14

Svein Hovde



#### Makt



hva

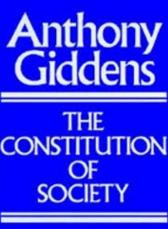
Evnen til å få andre til å gjøre noe de e ikke ville ha gjort

- Det folk gjør under påvirkning av makt må nødvendigvis være i strid med deres inter behov eller identitet
- Hve gige den (mot)makt som kan mobilise Anthony

via Internett og sosiale medier?



maktforhold i økonomi og politikk rs movement"?



svein

Svein Hovde:

Hvordan vi ordner oss når mye er ordnet på forhånd Hvordan vi velger under betingelser vi ikke selv har valgt

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# Effektive roboter frigjør mer tid til pasienter

Robotene på Akershus universitetssykehus er dobbelt så effektive som forventet. Robotene gjør jobben til 30 personer.



Publisert 9. nov. 24

Anette Holth H @AnetteHolth Journalist

Kalle Turkerud

Artikkelen er mer enn to år gammel.

FINNER FREM PÅ EGEN HÅND: Gjennom magnetsensorer i gulvene finner 22 roboter frem i de endeløse sykehuskorridorene Ahus.







The social life of things

Commodities in cultural perspective

Edited by Arjun Appadurai

The Social Life of Information

John Seely Brown Paul Duguid

### 40-gruppe: sosiologi

Svein Hovde:

Hvordan vi ordner oss når mye er ordnet på forhånd Hvordan vi velger under betingelser vi ikke selv har valgt





### 40-gruppe: pedagogikk

JUICEIISIIUL

Anders Mørch

### Scaffolding: Pedagogisk rammeverk

Zone of proximal development (Learner can do with guidance)

Learner can do unaided

Learner cannot do

Scaffolding betyr å lage en "bro" fra det man kan til det man ikke kan

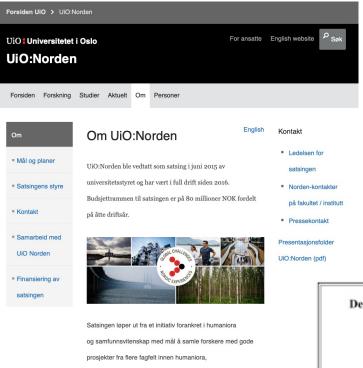


UiO **Institutt for pedagogikk** Det utdanningsvitenskapelige fakultet

www.uv.uio.no/iped

#### Institutt for Informatikk

### 40-gruppe: statsvitenskap



samfunnsvitenskap, medisin og naturvitenskap som søker å fremskaffe ny viten om det nordiske i en internasjonal kontekst.

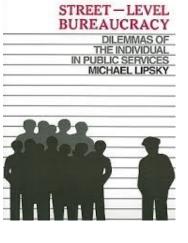
#### Organisering

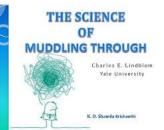
UiO:Norden har et styre som ledes av HF-fakultets

dekan, Frode Helland



NordMod Delrapport L





#### Institutt for Informatikk

## 40-gruppe: sosialøkonomi

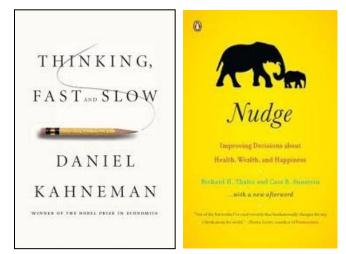
#### Cathrine Egeland

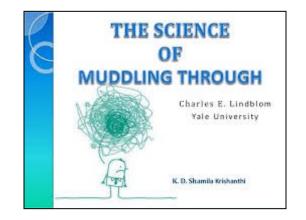


#### Samfunnsøkonomi

- Beskriver de økonomiske forholdene i samfunnet og forsøker å forklare sammenhengene
- Makroøkonomi
  - Omhandler forholdene i økonomien som helhet
- Mikroøkonomi
  - Omhandler de enkelte beslutningstageres adferd: hovedoppgaven er å studere hvordan pris, produksjon og omsetning bestemmes i markedet for hver vare

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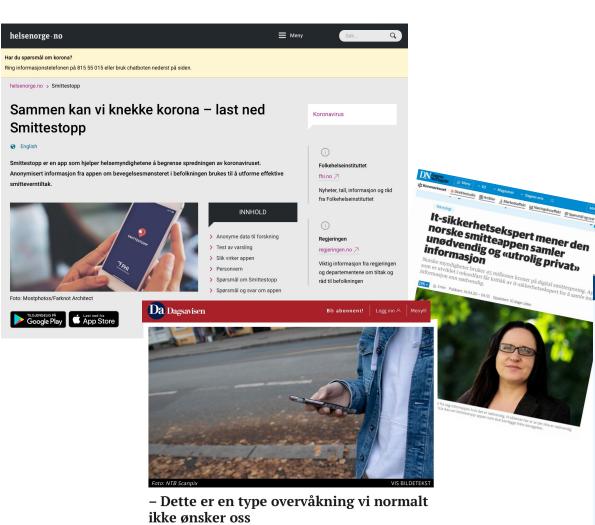




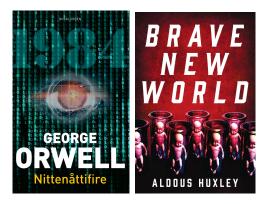
## 40-gruppe: jus / forvaltningsinformatikk

#### Dag Wiese Schartum Hva er personopplysninger? Screenshot Personopplysninger er alle typer informasjon som direkte eller indirekte kan identifisere en fysisk person som er i live. **Dag Wiese Schartum Digitalisering av** nummer Fagforenings medlemska Kjønn offentlig forvaltning Navn Konto-opplysninger IP-adresse Cookie-ID

### 40-gruppe: jus / forvaltningsinformatikk



Folkehelseinstituttets smittesporingsapp lanseres torsdag. Hvorvidt den ivaretar personvernet vårt, kan selv ikke teknologiekspertene svare sikkert på.



INANSAVISEI Kjøp 🗳 Logg inn Nyheter v Marked Forum TV Premium v Motor v

#### Russere i coronakarantene overvåkes av 100.000 kameraer

Et nettverk av 100.000 kameraer med ansiktsgjenkjenning passer på at ingen med mulig coronasmitte bryter karantene i Moskva.



RUSSLAND: En uvanlig folketom Røde plass i Moskva. FOTO: NTB SCANPIX



#### Informatikk: design, bruk, interaksjon (bachelor)

#### sem

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