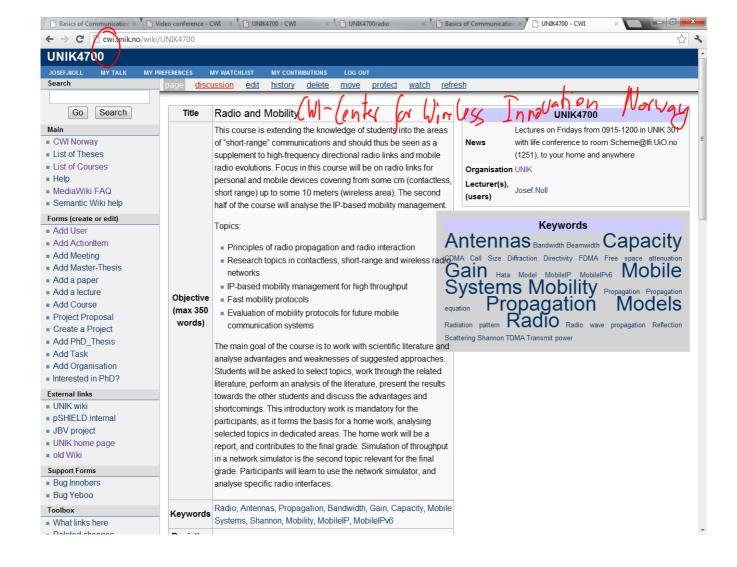
NAJI KADAH Gerard Rushingabigwi Håvard Austad





→ C wiki.unik.no/index.php/Courses/UNIK4700radio?action=slideshow

multipath

- basics of radio communication
- sampling theorem
- typical radio transmission
- what effects the signal strengths

- reflection - diffraction

- Scattering

PmWiki Slideshow - running from Unik Wiki Powered by S5

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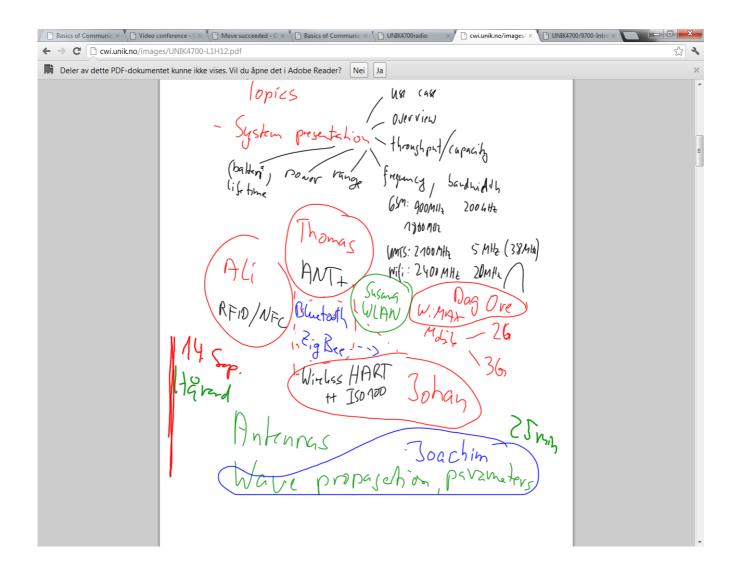
The Basics of communication

Schedule for presentations.

Block seminar Thurs-Friday

Physical meeting 11:00 15:00

Questions regarding Liberture



Muman brain video (196 hbil/s wideo)

Pars 128 hbil/s wideo

2.5 Mb/s HD-video

Serus andio: 38 hbil/s andio

64 hbil/s good andio

64 hbil/s good andio

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64 hbil/s good andio

Reflection corner < point edge Diffraction Fering mylection on rough surfaces

2 d d 202 hitting an object Scattering

Reflection dassorphion Fi = 0.8

reflection coefficient profleted

Resorrange

Scattering

Scattering

Ware length
$$f \rightarrow \chi \qquad C = \chi \cdot f \quad [5] \qquad \chi = \frac{3E8 \text{ m/s}}{1E6 \text{ MHz}}$$

$$\chi = \frac{3E70 \text{ cm}}{1E9 \text{ GHz}} \qquad \chi = \frac{300 \text{ m}}{f \text{ [mHz]}}$$

$$\chi = \frac{300 \text{ m}}{f \text{ [mHz]}} \qquad \chi = \frac{300 \text{ m}}{f \text{ [mHz]}}$$

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Orientation of ice cryclals in clouds

Jan Linghi Lingh

Assignment: Gerard

althustion of equations of lorst on Wifi 246HX

B Sc: tash, tool > "make"

M Sc: tash -> "plann & design,

PhD: area: find a problem"

make decisions, what
how

why and why not

