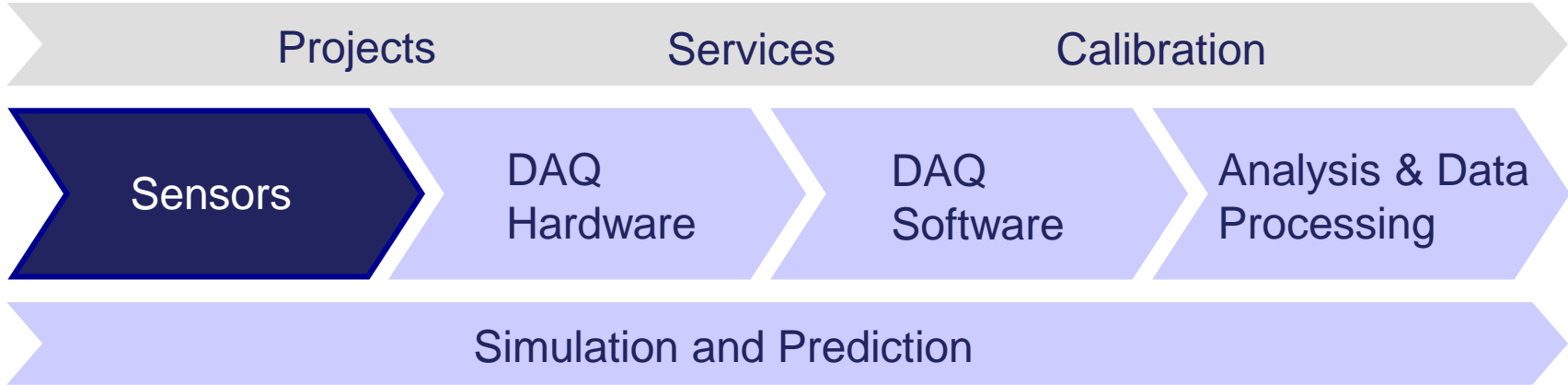
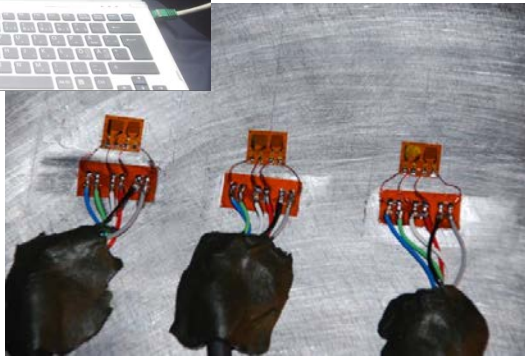


Trådtøyningsensorer i og på betong

HBM Sensors



Nordic Project Engineering Team



Strain Gauge Application Onsite



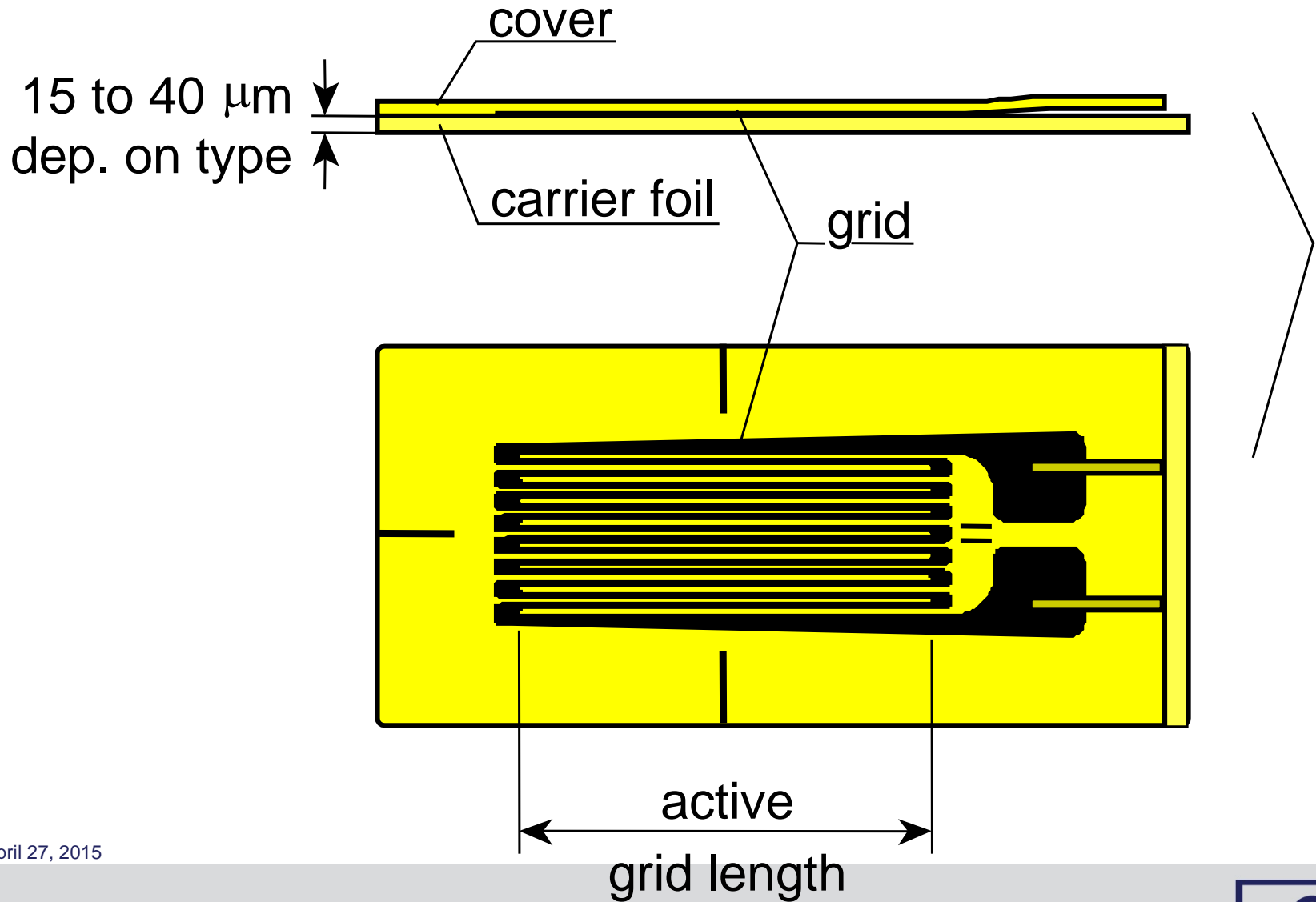
Amplifier calibration



Seminars / scripting

April 27, 2015

Hva er en trådtøyningsgiver / stekklapp / Strain gauge?



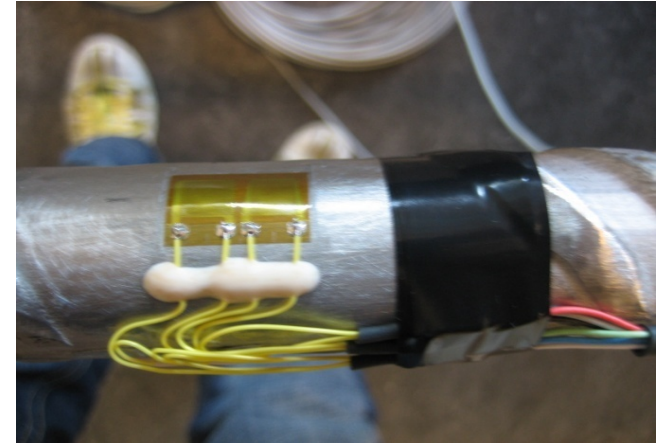
April 27, 2015



April 27, 2015

Instrumentering:

- 8 stk. Strekkklapp-kanaler
- MGCplus måleforsterker



Instrumentering:

- 8 stk. Streklapp-kanaler
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April 27, 2015

Monitoring of concrete wind tower – Vestas

Strain gage monitoring:

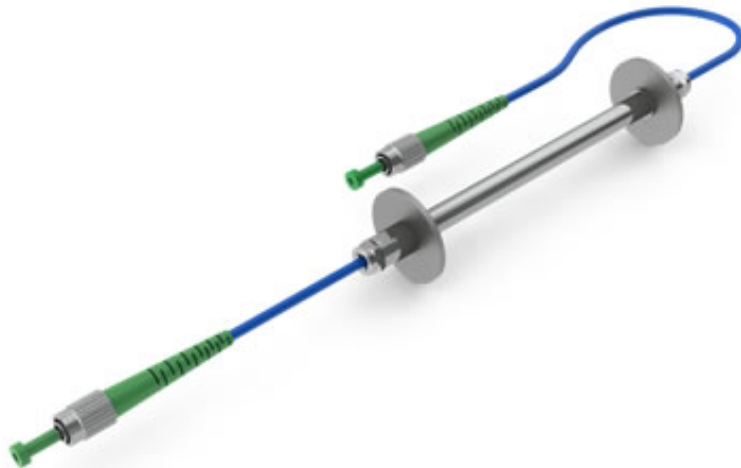
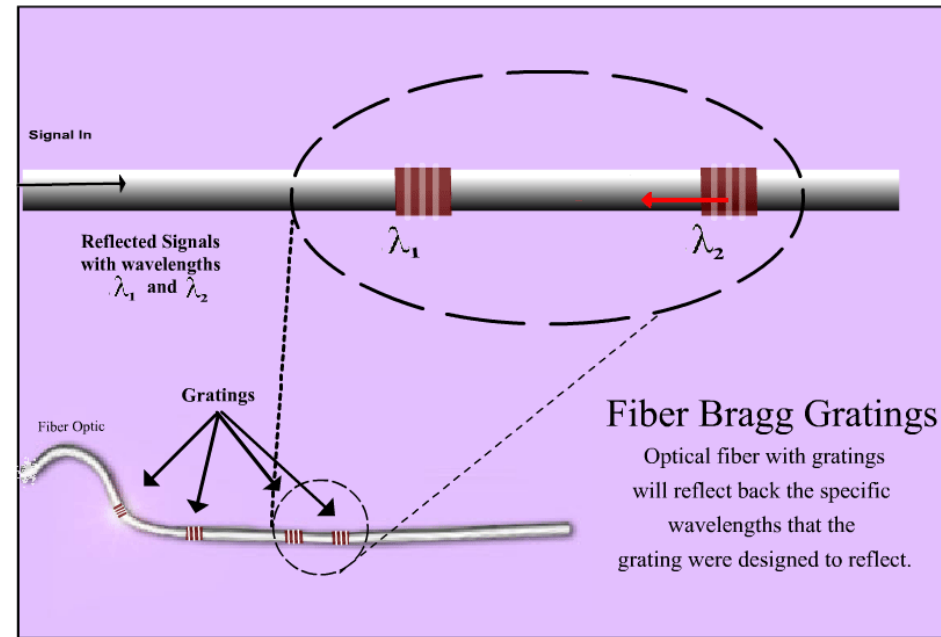
- 18x Half bridges over concrete for bending
- Long strain gauges
- Low excitation



Fiber optisk sensor

Måling med lys:

- Integreres inn i våt betong



Tusen takk!

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