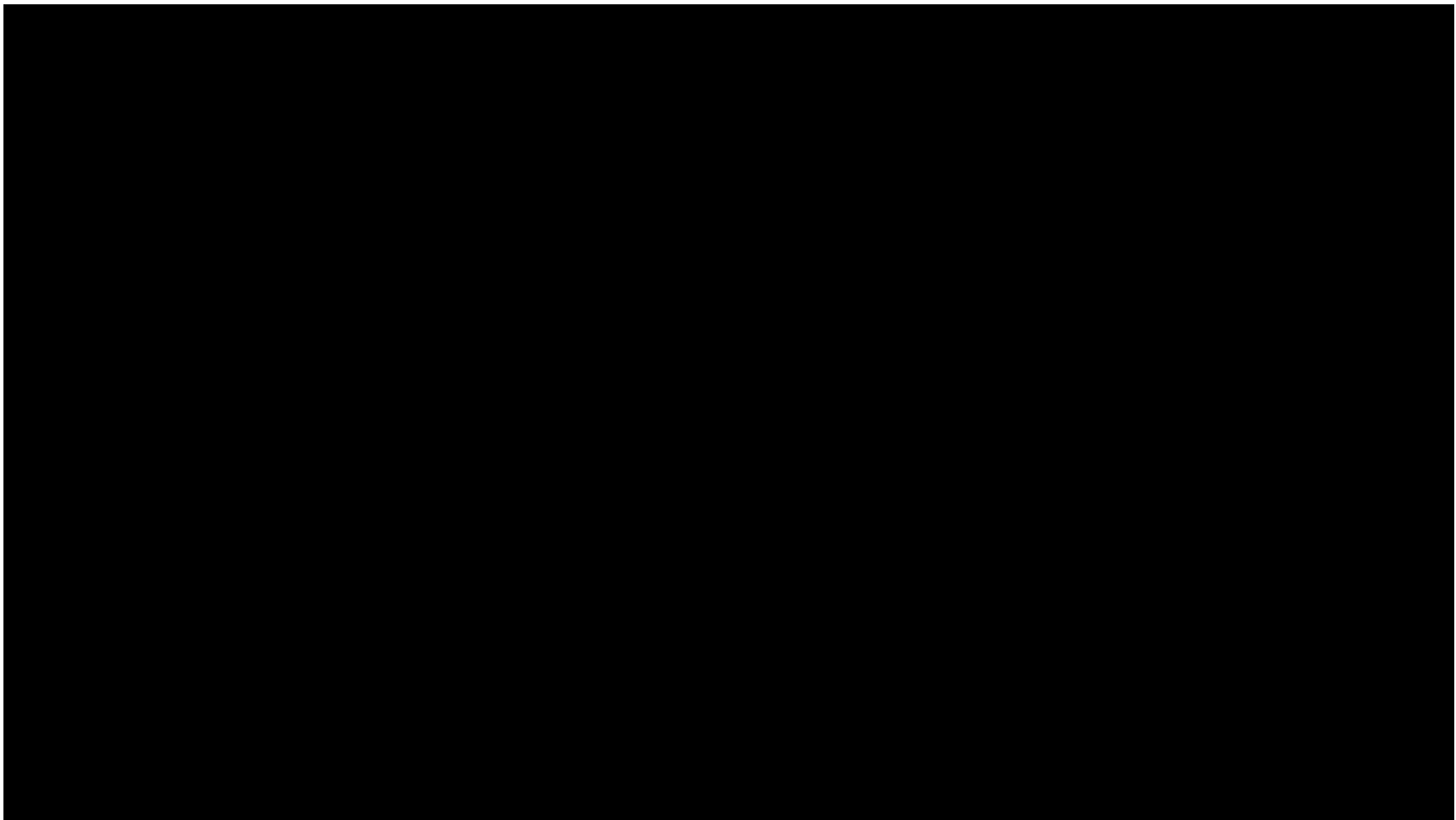


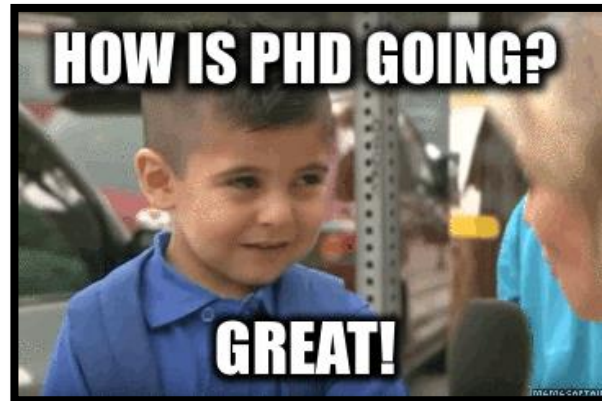
Jon Martin Fordal

- In 10 minutes



PhD Candidate, RAMS

1st March 2018 - next 4 years



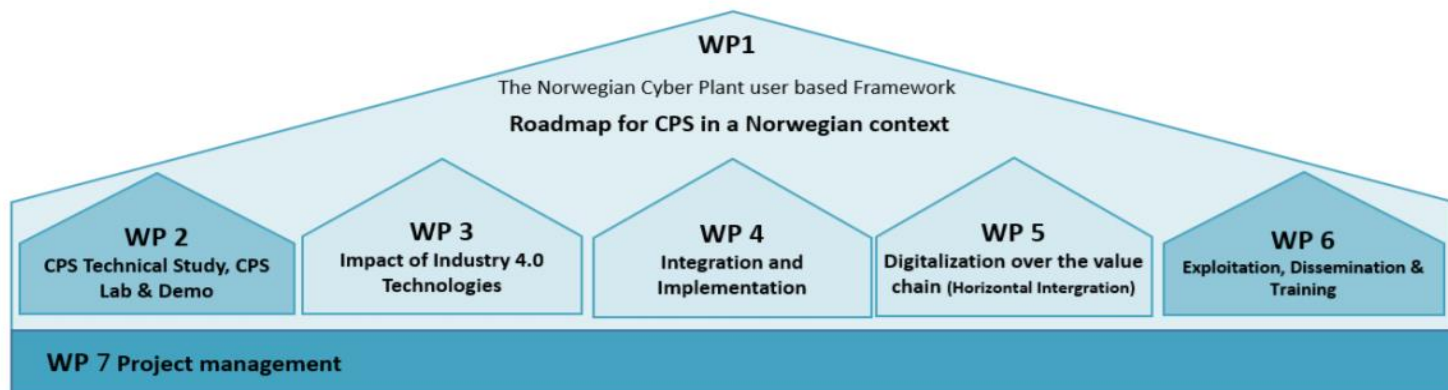
Background – education & work

- Bachelor in Mechanical Engineering
 - Bachelor thesis for Statoil ASA
«*Standardization of maintenance*»
- Master of Science in Industrial Engineering
 - Master thesis for Elkem ASA
«*Visual Management in Elkem ASA*»
- Worked as a Maintenance Engineer for Elkem ASA
- Worked as a firefighter in The Royal Norwegian Air Force



My PhD – a part of the research project «Cyber-Physical Systems Plant» (CPS Plant)

- The research project CPS Plant will develop a framework for the Norwegian approach for the digital manufacturing industry
 - A road map of new digital (Industry 4.0) technologies, and a demonstration and evaluation of new technologies for CPS where decision support through simulation capacities improves overall plant efficiency (OEE)
- Cooperative project between 3 Norwegian industry partners, Norsk Hydro, Benteler Automotive and Hycast, and SINTEF Digital and NTNU (Trondheim and Gjøvik) are the academic partners. SINTEF Raufoss Manufacturing is the project leader



- PhD topic: Industry 4.0 & Digitalization
- Current PhD title: «*Digitalization of the value chain*»
- Main supervisor: Per Schjøberg
- Co-supervisor: Odd Myklebust
- Co-supervisor: Halvor Holtskog



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Previous SINTEF Raufoss Manufacturing, SINTEF Teknologi og samfunn, SINTEF Raufoss Manufacturing

Education Norges teknisk-naturvitenskapelige universitet (NTNU) / Norwegian University of Science and Technology



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- Questions?