



Inspirational talk by

Baard Kaasa

Consultant at Scale Consult (previously at Statoil)

Title of the talk:

Why do we need inorganic chemistry in the oil and gas industry?

The talk will contain professional applications of basic general chemistry, inorganic chemistry and thermodynamics.

Topics to be covered include:

- Basics on salt precipitation (scale) in the production of oil and gas
- Gas solubility in water with real life practical examples from design of an oil rig where leaving this out could have been catastrophic
- CO₂ capture with practical examples (with references to Mongstad)
- Volume changes with temperature for water with practical examples where this is important to consider
- Water evaporation followed by salt precipitation

When: **Friday 31st of January at 14.15**

Where: **H3** in the Main Building (Hovedbygget)

The lecture is sponsored by Norsk Kjemisk Selskap (NKS) and organized by Faggruppe for Uorganisk Kjemi og Materialkjemi (FUM)

