

CO₂ Transport [Bølgen 2]

MONITORING AND SIMULATION

Moderator: **Ernst Petter Axelsen**, *Gassnova*

16:45 IntoCloud: experimental data and validated models for leakage and dispersion of CO₂
- **Hans Langva Skarsvåg**, *SINTEF Energy Research*

16:55 Performant CO₂ flow predictions with Olga for Drilling and Production
- **Norbert Hoyer**, *Schlumberger Information Solution*

17:05 CO₂ two-phase flow in pipelines and wells
- **Zhilin Yang**, *Equinor*

VALUE CHAIN

Moderator: **Ernst Petter Axelsen**, *Gassnova*

17:15 Novel CO₂ mass-meter solving gaps for large-scale CCS
- **Martin Nese**, *Cignus Instruments*

17:25 Monitoring of CCS Networks
- **Yessica Arellano**, *SINTEF Energy*

17:35 CO₂LOS IV
- **Ragnhild Skagestad**, *SINTEF Industry*

CO₂ SPECIFICATIONS AND CORROSION

Moderator: **Ernst Petter Axelsen**, *Gassnova*

17:45 CO₂ effect on polymeric materials within the CO₂ transport chain
- **Ben Alcock**, *SINTEF Industry*
Co-authors: Vilde Andreassen, Luca Ansaloni, Thijs Peters

17:55 Effect of impurities on chemical reactions and corrosion in CCS streams
- **Gaute Svenningsen**, *IFE*
Co-authors: Bjørn Helge Morland, Arne Dugstad, Shivangi Gupta

18:05 H₂S in CO₂ pipelines
- **Klas Solberg**, *DNV*
Co-authors: Riccardo Rizzo, Yun Deng, Bente Leinum, Kari Lønvik, Erling Østby, Gustav Heiberg

18:15 Discussions about CO₂ specification

27 FEB. **TECHNICAL SESSIONS:**



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10:00 Roadmap for CO₂ infrastructure – how to develop a sustainable and efficient transport network in Norway?

- **Ragnhild Skagestad**, *SINTEF Industry*

Co-author: Kristin Jordal, SINTEF Energy

10:15 CO₂ logistic in Northern Norway

- **Ragnhild Skagestad**, *SINTEF Industry*

10:30 CO₂Flow - Advancing LedaFlow to enable transport and injection of CO₂

- **Jan Gerhard Norstrøm**, *LedaFlow Technologies*

Co-authors: Grethe Tangen, Jørn Kjølaas, Ivar Eskerud Smith, Ludivine Rossvoll, Wouter Dijkhuizen

10:45 Data and models to optimize maritime CO₂ transport and offshore injection

- **Svend Tollak Munkejord**, *SINTEF Energy*

11:00 **BREAK**

[Common area]