



Matchmaking: Industry meets academia – building consortia for relevant R&D-projects

26th January 2023

(!PRELIMINARY!)

Place: Epicenter, Disruption Hall, Edvard Storms gate 2, 0166 Oslo. <https://weareepicenter.com/oslo/>

[Link to invitation via zoom](#)

Each talk is 12 min.

09:15 Registering and coffee

09:30 Fionn Iversen, Anders Nerموen (CGER, NORCE) – *The role of ground source heat pumps and deep geothermal electricity production in the Norwegian and European energy mix. Strategic programs for geothermal research. Systems for learning and portfolio management.*

09:45 – 10:30 Session 1: *Electric energy production from deep sources*

1. Julia Diessl and Guro Tveit (Three60Energy) – *Capabilities, well services and experience from HPHT well planning in the design of geothermal systems. What is the need?*
2. John F. Zuta (NORCE) – *Geothermal energy opportunities: potential for brown and green offshore oil and gas fields (Zoom)*
3. Volker Oye (NORSAR) – *Monitoring and development of deep geothermal energy sites*
4. Ola Vestavik (Reelwell) – *Projects on deep geothermal horizontal closed loop technology*

10:30 – 11:30 Session 2: *Ground source heat pump systems for heating and cooling – energy efficiency*

5. Thor Erik Museus (GTML) – *Project opportunities for geothermal heat pump systems in Norway – a challenging way forward*
6. Eivind Bastesen (Ruden, NORCE) – *Ground source heat pumps in fractured rocks. Status and way forward (GEMEX)*
7. Raoof Gholami (UiS) – *Seasonal heat storage and waste heat integration for 5th generation district heating*
8. Walter Wheler (NORCE) – *Geothermal village - Seismoelectric effect for geothermal monitoring - GEMEX*

11:30 – 12:15 Lunch

12:15 – 13:15 Session 3: *Ground source heat pump systems for heating and cooling – energy efficiency*

9. Nils Hanstad (Bosum) – *tbd.*
10. Odd Andersen, Øystein Klemetsdal (SINTEF) – *A digital toolbox for modelling and optimization of geothermal energy systems*
11. Sondre Gjengedal (NGI) – *Energilagring i Geostrukturer*
12. Kirsti Midttømme (NORCE) – *Ground source heat pump applications in a future energy mix*

13:30 – 14:30 Session 4: *Roll out technologies for the green shift. Ambitions →Plans →Action*

13. Anders Bjerga og Vegard Sjursen (EY) – *Om rolla som kompetansepartner for kunder slik at design og bruk optimaliseres hos kunden. Hva nå?*
14. Jørn Stene (COWI/Sintef) – *Erfaringer med prosjektering, overlevering og drift av bergvarmepumper for oppvarming og kjøling*
15. Mario Silva (IFE) – *From petroleum to geothermal*
16. OED, NVE, Klima og miljødepartementet – *tbd*

14:30 – 16:00 Matchmaking session

Each of the three/four presentations from each session gets a round table where the other participants discuss their initiative. The other participants can choose which of the three/four presentations to join. After 20 minutes the presentations of the next session will be discussed. The other participants move around according to their interest.

The arrangement is free of charge for CGER network members. Lunch to be paid by each participant.