

Geothermal Get Together

Phil Vardon

*Geoscience and Engineering
Theme leader Geothermal Energy*

Agenda

Improving geothermal systems

- 15.30 - 15.35 : Welcome / Introduction
Phil Vardon, TU Delft
- 15.35 - 15.40 : Development Geothermie Nederland
Radboud Vorage, Geothermie Nederland
- 15.40 - 16.00 : Geothermal Energy the road to impact
Marit Brommer, International Geothermal Association
- 16.00 - 16.20 : The impact of heterogeneity on geothermal production: Simulation benchmarks and applications
Yang Wang, TU Delft
- 16.20 - 16.40 : The WARM study: Integration of national subsurface and surface heat potential
Coen Leo, Panterra
- 16.40 - 17.00 : Novel drilling technology for long multilateral structures
Jan Jette Blangé, Canopus Drilling Solutions
- 17.00 - 17.10 : Closing remarks

World Geothermal Congress 2020+1

**Kick-off/
Opening**
March 30, 2021

Virtual Event

Virtual Event Series

Virtual Event #1 - General
Full-day event - 216 presentations – April 13, 2021

Virtual Event #2 - Geosciences 1
Full-day event – 216 presentations – May 11, 2021

Virtual Event #3 - Geosciences 2
Full-day event – 216 presentations – May 12, 2021

Virtual Event #4 – Engineering
Full-day event – 216 presentations – June 8, 2021

Virtual Event #5 – Cross-cutting
Full-day event – 216 presentations – July 6, 2021

**WGC2020+1
Congress**
Oct. 24-27, 2021

Reykjavik, Iceland

3-day onsite event
(+virtual)



Geothermal Rising Conference 2021

3rd to 6th October 2021, San Diego, California

The Geothermal Rising Conference (GRC) offers technical, policy, and market conference sessions, educational seminars, tours of geothermal and renewable energy projects, and numerous networking opportunities. Here we build relationships, discuss our opportunities and challenges, educate on the latest technologies and innovations, and inform people outside our community about geothermal energy. The conference highlights the width and breadth of the community we have in geothermal energy spanning science, engineering, social-economics, and government, and highlights the eclectic mix of people that are involved: students, corporate entrepreneurs, politicians, professionals, and researchers.

<https://my.geothermal.org/page/GeothermalRisingConference>

- Call for Abstracts online
- Abstract Deadline Friday 26th March



EAGE 82nd conference in Amsterdam

Geothermal Workshop: from exploration to
production in a low-enthalpy environment

18th - 21st October

<https://eage.eventsair.com/eageannual2021/workshop-5>


DRAGLOW project

Drag Reduction in Geothermal & District Heating Systems to **Lower** investment and Operational Costs

(Missiegedreven Onderzoek, Ontwikkeling en Innovatie, MOOI 2020)

Project objectives: (1) assess the techno-economic viability of DRA's for geothermal multisource district heating networks, (2) investigates the technical and economic contribution of DRA's to district heating networks and geothermal wells and (3) development of technical knowledge and system design tools which should lead to practical usable solutions and instruments for cost-effective geothermal Multi-Source district heating systems in the built environment.

Budget: 1.84 Mi Euro (0.4 Mi to TU Delft)

 Wayland Energy

Nouryon


ROEMEX
Speciality Oilfield Chemicals


Delft University of Technology

 ECW Network

 **NIJKAMP**
aanneming


WEP
Well Engineering Partners

TNO innovation
for life

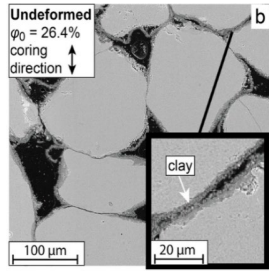

Gemeente Rotterdam


Gemeente
Amsterdam


ENERGY TRANSITION SOLUTIONS

ProperBase *TKi GeoEnergie project*

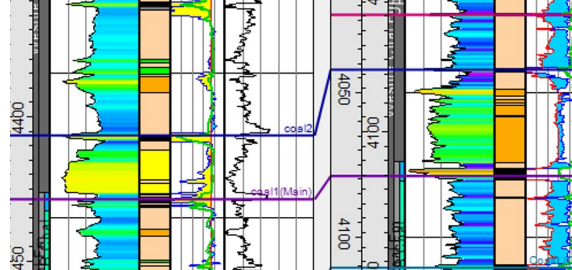
Improving geomechanical and thermal reservoir property prediction of Dutch geothermal plays



nm-mm



mm-dm



dm-km

Bridging scales using new scanning methodologies within EPOS-NL MINT and Core Mineralogy scanners, producing geological understanding behind rock and log-properties, upscaling to reservoir scale verified using well-tests, and feeding data and models into open database(s)

Project budget 726k euro

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