



Congress Programme

1. + 2. March 2018 · Exhibition Center Offenburg

Thursday, 1st March 2018

EN FR DE

CONGRESS 1 · Opening	
10.10 - 10.25	Keynote Dr. Erwin Knappek, Präsident des Bundesverbandes Geothermie
10.25 - 10.40	Keynote Vitor Correia, President of the European Federation of Geologists
10.40 - 11.00	Presentation of the European Geothermal Innovation Award Ruggero Bertani, Präsident des European Geothermal Energy Councils EGEC
11.00 - 12.40	Break
CONGRESS 1 · Deep Geothermal Energy	
12.40 - 13.00	Geothermal Risk Mitigation: lessons learned Benjamin Richter, Rödl & Partner
13.00 - 13.20	Accelerating Indonesian Geothermal Development: a roadmap to success Surya Darma, Priyandaru Effendi, Indonesia
13.20 - 13.40	Drilling in the Ring of Fire Prof. Dr. Reiner Homrighausen, RH DRILLING TECHNOLOGY GmbH
13.40 - 14.00	Geothermal Opportunities in Vietnam Nguyen Tac Cuong, Tran Trong Thang, Vietnam
14.00 - 14.25	Break
14.25 - 14.50	The Geothermal Energy Market in Europe – EGEC Market Report 2017/2018 Philippe Dumas, EGEC European Geothermal Energy Council
14.50 - 15.15	Lessons learned from the Success Project Thisted-5 in Denmark Søren Lundgren Jensen, WellPerform Dr. Hans-Jürgen Weikert, DrillTec GUT GmbH
15.15 - 15.40	Technical Boundaries of Deep Downhole Heat Exchangers in Switzerland: Lessons learned Dipl.-Ing. Alfons Ebnöther, HakaGerodur AG
15.40 - 16.05	Integrated modeling of a geothermal site: understanding risk and performance Giovanni Sosio, Services Pétroliers Schlumberger
16.05 - 16.25	Break
16.25 - 16.50	VERTI-ZONTAL DRILLING – A New Drilling Technique for Geothermal Energy Projects Andreas Steilen, Herrenknecht AG; Kees v.d. Zalm, Visser & Smit Hanab NL
16.50 - 17.15	Deep Drilling Technology Facing New Challenges Dipl.-Ing. Franziska Lehmann, TU Bergakademie Freiberg

CONGRESS 2 · Shallow Geothermal Energy	
11.30 - 11.55	Geothermal Heat in Germany – Chances and Obstacles Dr. Martin Sabel, Bundesverband Wärmepumpe
11.55 - 12.20	Investigation of Thermally Relevant Effects of Near-Surface Geothermic Systems Prof. Dr.-Ing. Roland Koenigsdorff, M.Sc. Adinda Van de Ven, Hochschule Biberach
12.20 - 12.45	Heat Gains and Losses via Horizontal Pipelines in Geothermal Systems and Heat Networks Dr. Markus Kübert, tewag - Technologie - Erdwärmeanlagen - Umweltschutz GmbH
12.45 - 14.00	Break
14.00 - 14.25	Geothermal Model Region Baden Württemberg: Have the LQS-EWS Set New Standards for Quality Assurance? B.Eng. Frank Burkhardt, Burkhardt GmbH
14.25 - 14.50	Model-Based Automatic Optimisation of Geothermal Probe Fields Prof. Dr. rer. nat. Peter Bayer, Technische Hochschule Ingolstadt
14.50 - 15.15	Web-Based Simulation Application to Investigate Thermally Active Tunnels Dipl. Ing. Patrik Buhmann; Univ.-Prof. Dr. Ing. habil. Christian Moormann, Universität Stuttgart
15.15 - 16.00	Break
16.00 - 16.25	Design of the Geothermal System from a Home Technology Point of View Holger Kaiser, GWE pumpenboese GmbH
16.25 - 16.50	Effects of Geothermal Heat Stores on the Quality of Groundwater – A Need to Act in Approval Procedures Dr. Florian Ludwig, reconsite GmbH
16.50 - 17.15	How do Geothermal Probes “Profit” from Groundwater Flow or from Anthropogenic Warming of the Earth’s Surface? Dr. Joachim Poppei, AF-Consult Switzerland AG

Please read on ➤



all congress sessions are translated simultaneously: English - French - German

CONGRESS 1 · Deep Geothermal Energy

09.10 - 09.35	Hybrid Power Plants: A Coupling of Deep Geothermic and Alternative Energy Carriers for an Efficient and Flexible Production of Energy Dr.-Ing. Florian Heberle, Dieter Brüggermann, Universität Bayreuth
09.35 - 10.00	Update on Geothermal Power Plants in Bavaria: Focus on Project Holzkirchen Joseph Bonafin, Turboden SpA
10.00 - 10.25	Applied Research on Deep Geothermic Projects: Drilling at Gelting in the Molasse Basin of South Bavaria Prof. Dr. habil. Inga S. Moeck, Leibniz Institute for Applied Geophysics (LIAG)
10.25 - 10.50	Impulse to a Heat Turning Point in Geothermal Energy – Picture of First Action Guideline Depths Prof. Dr. Frank Schilling, Universität Karlsruhe
10.50 - 12.30	Break
12.30 - 12.55	Heat Supply from Deep Geothermics as a Starting Point for Communal Climate Protection – Preliminary Results of a Study for the Environmental Research Plan 2015 Dr.-Ing. Horst Kreuter, GeoThermal Engineering GmbH
12.55 - 13.20	The Step to Medium-Depth Geothermal Heat Exchangers Dr.-Ing. Daniel Schulte, Technische Universität Darmstadt
13.20 - 13.45	Geothermal Heating Plants from Glass-Reinforced Plastic Thorsten Weimann, gec-co Global Engineering & Consulting - Company GmbH
13.45 - 14.15	Break
14.15 - 14.40	The Use of Volcanic Thermal Sources to Heat a Thermal Bath and to Operate a Local Heat Network Wolfgang Jaske, Jaske & Wolf Verfahrenstechnik GmbH
14.40 - 15.05	International Geothermal Collaboration to Promote the Use of Geothermal Energy Brian Carey, IEA Geothermal
15.05 - 15.30	Funded Research Project: Presentation of an Innovative Workover System for a Secure and Efficient Workover on Geothermal Drilling Christoph Feldmeier, MAX STREICHER GmbH & Co. KG aA

CONGRESS 2 · Shallow Geothermal Energy

09.20 - 09.45	Efficiency Increase: Recommendations to Minimise and Pre-Calculate the Effective Thermal Drill Hole Resistance of Geothermal Probes Dipl.-Ing. Mathieu Riegger, Solites
09.45 - 10.10	Verifiable Quality of Annular Space Filling for Geothermal Probes Ulrich Santherr, Santherr Geothermietechnik
10.10 - 10.35	Geothermal Energy Measuring Technology 4.0 – Quality Assurance, TRT and Monitoring Simeon Meier, enOware GmbH
10.35 - 11.00	Partially Insulated Geothermal Probes – First Experiences from the Operational Phase Prof. Dr.-Ing. Hans-Georg Güllow, Fachhochschule Bielefeld
11.00 - 13.30	Break
13.30 - 13.40	Introduction: Research and Development supported by the European Union Dr. Burkhard Sanner, UBeG GbR
13.40 - 14.00	CHEAP-GSHP: Cheap and efficient application of reliable ground source heat exchangers and heat pumps Dipl.-Ing. Luc Pockelé, RED SRL
14.00 - 14.20	GEOteCH: Geothermal Technology for economic Cooling and Heating Andoni Diaz de Mendibil, TECNALIA
14.20 - 14.40	GEOCOND: Development of new materials for BHE pipes and grout Prof. Dr. Javier Urchueguía, UPV, Valencia
14.40 - 15.00	GeoPLASMA-CE: Developing new approaches for fostering the use of shallow geothermal systems in Central Europe, a midterm review of this Interreg Central Europe project Mag. Gregor Goetzl, Geological Survey of Austria
15.00 - 15.20	GRETA: Potential for shallow geothermal energy in the Alpine area Dr. Kai Zosseder, TU München

Subject to change without notice

Gain new energy at the evening reception

On 1st March from 06.15 pm the evening reception of the GeoTHERM takes place in the Oberrheinhalle at the Exhibition Center Offenburg.

TICKETS

All tickets include congress participation and trade fair visit, as well as the catalogue, access to the online library and simultaneous translation.

Register online now

www.geotherm-germany.com

- **Ticket for one day (free choice of day)**
42,00 EUR incl. VAT - regular booking
- **Ticket for two days**
62,00 EUR incl. VAT - regular booking
- **Ticket for the evening event at 1st March 2018**
59,00 EUR incl. VAT - regular booking
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