

# 1st BOCHUM DRILLING DIALOGUE

13. / 14. June 2016

Venue: GZB – International Geothermal Centre, Lennerhofstrasse 140, 44801 Bochum / Germany

Monday, 13.06.2016	Tuesday, 14.06.2016
13:00 – 14:00 Welcome	09:00 – 10:30 Session 3
14:00 – 15:00 Session 1	10:30 – 11:00 Break with Poster Session
15:00 – 15:30 Break with Poster Session	11:00 – 12:30 Session 4
15:30 – 17:00 Session 2	12:30 – 13:30 Lunch
17:00 – 18:00 Get-together with Poster Session	13:30 – 15:00 Session 5
From 18:00h BBQ with open-end	15:00 Wrap up & Lab tour

## Oral Sessions (as dated 23/05/2016)

1. Flame-Jet Drilling: An Alternative Technique to Access Deep Heat reservoirs  
Authors: Thierry Meier, Michael Kant, Dragana Brkic, Philipp Rudolf von Rohr  
Presenter: Thierry Meier, Philipp Rudolf von Rohr (ETH Zurich)
2. Benefits and Limitations of Thermal Spallation Drilling as an Alternative Drilling Technology  
Authors: Michael Kant, Thierry Meier, Dragana Brkic, Philipp Rudolf von Rohr  
Presenter: Michael Kant (ETH Zurich)
3. Thermal drilling process based on Laser Technology.  
Presenter: Shahin Jamali & Dennis Schwarz (GZB)
4. Ideas and concept for a plasma based drilling process.  
Presenter: Volker Wittig (GZB)
5. Innovative Drilling and Production Technology for Deep Geothermal Wells.  
Presenter: Joerg Lehr (BakerHughes)
6. Electro impulse drilling process for hard rock and deep geothermal applications.  
Author and Presenter: Erik Anders (TU Dresden)
7. Preliminary results from the EU-H2020 GeoWell Project.  
Presenter: Thomas Reinsch (GFZ Potsdam)
8. Multi-Lateral Radial Jet drilling in Sedimentary rock as stimulation technique in the Hydrocarbon Industry.  
Presenter: Sidney van den Berg (Well Services / NL)
9. Extended horizontal Jet drilling for geothermal and hard rock applications (EU-H2020 SURE)  
Presenter: Simon Hahn (GZB)
10. Geothermal experience and scientific drilling in Sweden  
Presenter: Jan-Erik Rosberg (Lund University)
11. Geothermal drilling and well research – experience and perspectives from Norwegian Oil & Gas and results from the NEXT Drill Project.  
Presenter: Erlend Randeberg (IRIS)
12. Hydraulic water and mud hammer drilling research at GZB  
Presenter: Viktor Hartung (GZB)

“Sciences Slam”: Poster Presentation to the Forum

Organisation: Rolf Bracke<sup>1</sup>, Philipp Rudolf von Rohr<sup>2</sup>, Volker Wittig<sup>1</sup>  
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Concept: discussion forum on drilling technology challenges for researchers and developers

Attendance Fee: None, but presentation appreciated (oral or poster)

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