



# 7th European Geothermal Workshop - Characterization of Deep Geothermal Systems

## Wednesday, October 9, 2019

**Poster Session - KIT - AudiMax (9:00 AM - 6:00 PM)**

[id] title	presenter	board
[97] Numerical modeling of thermal front propagation caused by fluid injection in a fractured reservoir for forecasting thermal-induced seismicity	Mr GOLDBERG, Valentin	
[162] Geological structures and analogue permeability studies in Los Humeros geothermal system	WHEELER, Walter	
[85] Analysis of the applicability of ambient noise based techniques on the monitoring of deep geothermal reservoirs by numerical modelling	AZZOLA, Jérôme	
[111] In-situ stress and rock mass characterisation via mini-frac tests at the Bedretto Underground Laboratory	Mr BROEKER, Kai	
[92] Hydrogeological, hydrogeochemical and isotope geochemical features of geothermal waters of Salavath in the continental rift zone of the Büyük Menderes, western Anatolia, Turkey	BOR, Erdem	
[113] Assessment for geothermal utilization of the Upper Devonian Leduc and Nisku Formation in the Alberta Basin, Canada	Mrs WEYDT, Leandra	
[115] Geological controls on upper crustal heat flow for deep geothermal energy	Mr DALBY, Christopher	
[154] Utilization of abandoned hydrocarbon reservoirs for deep geothermal heat storage	STRICKER, Kai	
[163] Thermal modelling of magmatic geothermal systems: the role of deep-seated heat sources	Mr GOLA, Gianluca	
[96] GIS-based LiDAR-DEM5 lineament analysis in crystalline basement rocks of the central and northern Black Forest, SW-Germany	Dr GRIMMER, Jens C.	
[86] Impact of Heat Transfer Unit Distribution Characteristics on the heat extraction from EGS with horizontal wells using multistage fracturing	Prof. LIU, Lihua	
[136] Effect of temperature on physical properties of carbonatic rocks.	MANDRONE, Giuseppe	
[131] CDGP, a repository for geothermal data in Alsace	SCHAMING, Marc	
[114] Constraining caldera structures to understand geothermal fluid migration: insights from analogue modelling, and implications for the Los Humeros Volcanic Complex	Dr MAESTRELLI, Daniele	
[103] Reactive Reservoir Systems - Crystallization and Filter Processes of Barite in Geothermal Systems	Mr ZUBER, Philipp	
[137] Magnetotelluric phase tensor analysis and its significance for tectonic interpretation: Case studies of the Los Humeros and Acoculco geothermal resources, Mexico	Dr HELD, Sebastian	
[116] Simulation of temperature logs in high-temperature well	Ms WANG, Jia	
[140] Evolution of hydro-mechanical properties during shearing in an EGS reservoir using a DFN model	Mr JAVANI, Dariush Dr SCHMITTBUHL, Jean	
[125] Simulation of temperature and pressure driven fracture deformation	Mr STEFANSSON, Ivar	

<b>[120] Local earthquake tomography of Los Humeros geothermal field</b>	Ms TOLEDO, Tania	
<b>[130] GeoLaB - Geothermal laboratory in the crystalline basement</b>	Prof. KOHL, Thomas	
<b>[141] Performance Evaluation and Operation Sustainability of Deep Borehole Heat Exchanger Coupled with Geothermal Heat Pump System</b>	Mr CAI, Wanlong	
<b>[153] Geothermal Systems Exploration in the Southern Chilean Volcanic Zone by Magnetotelluric Method: a case study at Villarrica Volcano</b>	PAVEZ, Maximiliano	
<b>[149] Linear vs. Nonlinear flow laws in sheared and rough self-affine fractures</b>	Mr EGERT, Robert	
<b>[147] Uncertainty Quantification for Basin-Scale Heat Flow Models with a Physics-Based Machine Learning Approach</b>	Prof. WELLMANN, Florian	
<b>[88] Design and Safety Considerations to Perform Coiled Tubing Operations in Large-Diameter, High-Temperature Geothermal Wells</b>	Mr SINGH, Ishaan	
<b>[110] Global application of Aquifer Thermal Energy Storage (ATES)</b>	Mr FLEUCHAUS, Paul	
<b>[102] Optimization of heat extraction from sedimentary reservoirs for CPG electricity generation</b>	RAVILOV, Marat	
<b>[139] Cold reinjection in the Soultz-sous-Forêts reservoir during geothermal exploitation based on 3D hydrothermal modelling</b>	ROLIN, Pauline	
<b>[106] Geothermal brines as mineral resource, new scopes beyond lithium extraction</b>	Prof. KOLB, Jochen	
<b>[156] Geological structures in the Acoculco geothermal area, Mexico: a background for EGS development</b>	Dr WHEELER, Walter	
<b>[89] Petrophysical properties of the Muschelkalk from the Soultz-sous-Forêts geothermal site (France), an important lithostratigraphic unit for geothermal exploitation in the Upper Rhine Graben</b>	Dr HEAP, Michael	
<b>[158] Effects of elevated confining pressure and temperature conditions on deeply buried sandstone reservoirs</b>	Mr MONSEES, Alexander C.	
<b>[119] An automated workflow to study parameter sensitivities in a geothermal reservoir</b>	ALMENDRAL VAZQUEZ, Ariel	
<b>[108] The United Downs Deep Geothermal Power project, Cornwall, UK</b>	Mr LEDINGHAM, Peter	
<b>[159] New Geothermal Project Portfolio in the German part of the Upper Rhine Graben by Deutsche Erdwärme</b>	Dr HOMUTH, Sebastian	
<b>[126] Stabilization of Forced Heat Convection: Applications to Enhanced Geothermal Systems (EGS)</b>	ABUAISHA, Murad	
<b>[105] Geothermal Power Generated from UK Granites (GWatt)</b>	Dr ROCHELLE, Chris	
<b>[122] Tintina fault core analysis for potential geothermal development</b>	Mr BRAUN, Bennett	
<b>[117] SWIR spectroscopy for the exploration of hydrothermal alteration in crystalline geothermal reservoirs (Alsace, France).</b>	GLAAS, Carole	
<b>[135] Field methodologies aimed at geomechanical and geophysical characterization of faults zones in geothermal areas</b>	Prof. MANDRONE, Giuseppe	
<b>[146] The Los Humeros Superhot Geothermal Resource in Mexico: Results from an Extensive Resistivity Survey</b>	BENEDIKTSDÓTTIR, Ásdís	
<b>[164] Forecasting Induced Seismicity for the geothermal UDDGP project – An ongoing experiment</b>	Mrs CARSTENS, Pia	