

LECTURES

- 09:00-09:10 **Study of Chachimbiro and Chacana geothermal systems, Ecuador, and volumetric assessment**, by Miguel Calderon from Ecuador, supervisor/s: Svanbjörg Haraldsdóttir and Benedikt Steingrímsson at ÍSOR
- 09:10-09:20 **Preliminary terms of reference and environmental impact assessment of geothermal exploration in Bugarama, Rwanda**, by Alice Uwase from Rwanda, supervisor/s: Þóroddur Þóroddsson at Skipulagsstofnun
- 09:20-09:30 **Well design, cementing techniques and well workover to land deep production casings in the Menengai field**, by Abraham Khaemba from Kenya, supervisor/s: Arnar Bjarki Árnason at Mannvit
- 09:30-09:40 **Borehole geology and hydrothermal mineral alteration of well MW-13, Menengai geothermal field, Kenya**, by Emily Kahiga from Kenya, supervisor/s: Björn Harðarson at ÍSOR
- 09:40-09:50 **Drilling fluid design for geothermal wells**, by George Dayan from Kenya, supervisor/s: Þóroddur Sigurðsson at Mannvit
- 09:50-10:00 **Borehole geology and alteration mineralogy of well RN-12 in Reykjanes geothermal field, SW-Iceland**, by Djama Robleh Djama from Djibuti, supervisor/s: Steinþór Níelsson at ÍSOR
- 10:00-10:10 **Cementing process of geothermal wells – Design, application and techniques**, by Samuel N’gan’ga from Kenya, supervisor/s: Arnar Bjarki Árnason at Mannvit
- 10:10-10:20 **Subsurface geology and hydrothermal alteration of well HE-04, Hellsheidi geothermal field, SW-Iceland**, by Fatumati Mnzava from Tanzania, supervisor/s: Helga Margrét Helgadóttir at ÍSOR
- 10:20-10:30 **Analysis of stuck pipe incidents in Menengai**, by Billy Oketch from Kenya, supervisor/s: Þóroddur Sigurðsson at Mannvit
- 10:30-10:50 Kaffihlé
- 10:50-11:00 **Borehole stratigraphy and alteration mineralogy of well HE-6, Hellsheidi, SW-Iceland**, by Moira Bawasu from Papua New Guinea, supervisor/s: Björn Harðarson at ÍSOR
- 11:00-11:10 **Calcium carbonate scaling control in the geothermal well PV8 in São Miguel, Azores, combining chemical inhibition and mechanical reaming**, by Valdemar de Viveiros Pereira from Azur islands, supervisor/s: Sverrir Þórhallsson at ÍSOR
- 11:10-11:20 **Geochemical interpretation of thermal fluid discharge from Reykjanes well 29 and well 32**, by Melese Mekonnen Berehannu from Ethiopia, supervisor/s: Finnbogi Óskarsson and Halldór Ármannsson at ÍSOR
- 11:20-11:30 **Predicting output curves for deep wells in the Assal Rift, Djibouti using a wellbore model calibrated against existing well data**, by Miyir Mohamed Abdillahi from Djibuti, supervisor/s: Grímur Björnsson at Reykjavík Geothermal
- 11:30-11:40 **Evaluation of mineral-fluid equilibria in the Menengai geothermal system, Central Rift, Kenya**, by Leakey Auko from Kenya, supervisor/s: Andri Stefánsson at University of Iceland
- 11:40-11:50 **A geothermal assessment of the Wotten Waven geothermal field, Dominica, West-Indies**, by Melissa de Freitas from St. Vinsent and the Grenadines, supervisor/s: Sæunn Halldórsdóttir and Guðni Axelsson at ÍSOR
- 11:50-12:00 **Fluid-rock interaction and initial aquifer geochemistry in the Olkaria geothermal system**, by Edwin Wanyonyi from Kenya, supervisor/s: Andri Stefánsson at University of Iceland
- 12:00-13:00 Hádegishlé

- 13:00-13:10 **Geochemical studies of geothermal fluid from wells SM-01, SM-02 and SM-03, Laguna Colorada geothermal project, Bolivia**, by Daniel Villarroel from Bolivia, supervisor/s: Daði Þorbjörnsson and Þráinn Friðriksson at ÍSOR
- 13:10-13:20 **Gas chemistry and modelling of phase segregation in well TR-18B in the Berlín geothermal field, El Salvador**, by Jaime Hernandez from El Salvador, supervisor/s: Ingvi Gunnarsson at Orkuveitu Reykjavíkur
- 13:20-13:30 **Application of stable isotope geochemistry to tracing recharge and flow systems of fluids in Olkaria geothermal field, Kenya**, by Melissa Nkapani from Kenya, supervisor/s: Árný Erla Sveinbjörnsdóttir hjá HÍ and Halldór Ármannsson at ÍSOR
- 13:30-13:40 **Temperature model and tracer test analysis for the Ribeira Grande geothermal field, São Miguel Island, Azores** by Maria da Graça Rangel from Azur islands, supervisor/s: Sæunn Halldórsdóttir and Guðni Axelsson at ÍSOR
- 13:40-13:50 **Analysis of variations in the characteristics of the geothermal fluid, produced from the Sudureyri low-temperature geothermal system in NW-Iceland**, by Yid-Laí Zelada from El Salvador, supervisor/s: Þráinn Friðriksson, Finnbofi Óskarsson and Guðni Axelsson at ÍSOR
- 13:50-14:00 **Feasibility of using a downhole pumping system in Menengai well MW-17**, by Hilary Mwawasi from Kenya, supervisor/s: Þorleikur Jóhannesson at Verkís
- 14:00-14:10 **Preliminary design of hot water distribution system for greenhouse heating at Olkaria, Kenya**, by Felix Nzioka from Kenya, supervisor/s: Óskar Pétur Einarsson at Verkís
- 14:10-14:30 Kaffihlé
- 14:30-14:40 **Thermodynamic and thermoeconomic optimization of geothermal power plants in Sichuan, China**, by Luo Chao from China, supervisor/s: Páll Valdimarsson at Atlas Copco / Reykjavík University
- 14:40-14:50 **Increased exergetic efficiency of using a back pressure turbine for high wellhead pressures at Hellisheidi geothermal power plant**, by Abdelrahman Ali Osman Elhaj Ali from Sudan, supervisor/s: Marta Rós Karlsdóttir and Bjarni Már Júlíusson at Orku Náttúrunnar
- 14:50-15:00 **Electrical control and protection system of geothermal power plants**, by Daniel Gorfie Beyene from Ethiopia, supervisor/s: Bjarni Bjarnason at Verkís
- 15:00-15:10 **Air quality impact assessment: H₂S dispersion modelling for Sabalan geothermal power plant, NW-Iran**, by Ali Hosseinzadeh from Iran, supervisor/s: Þröstur Þorsteinsson at University of Iceland
- 15:10-15:20 **Reservoir assessment and monitoring of Krafla and Nesjavellir high temperature geothermal fields**, by Leon Ntihakose from Rwanda, supervisor/s: Svanbjörg Haraldsdóttir and Sæunn Halldórsdóttir at ÍSOR
- 15:20-15:30 **Natural state model update of Olkaria Domes field**, by Maureen Ambunya from Kenya, supervisor/s: Andri Arnaldsson hjá Vatnaskilum and Sæunn Halldórsdóttir at ÍSOR