FYRIRLESTRAR

Árlegir fyrirlestrar nemenda Jarðhitaskólans um verkefni sín
verða haldnir í Víðgelmi, fyrirlestrasal Orkugarðs, Grensásvegi 9,
þriðjudaginn 12. október 2010 og hefjast kl. 09:30

Dagskrá:

09.30-09.40 **Hydrogen sulphide abatement during discharge of geothermal steam from drill pads: a case study of TR-18 drill pad, El Salvador** flutt af Luis A. Franco, leiðbeinandi er Guðmundur Gunnarsson (NMÍ).

09.40-09.50 **Geochemical simulation of lake water injection into the geothermal reservoir in Tianjin, China** flutt af Zhao Na, leiðbeinendur eru Halldór Ármannsson og Þráinn Friðriksson (ÍSOR).

09.50-10.00 **Noise and hydrogen sulphide dispersion modelling at Olkaria geothermal power plant, Kenya** flutt af Cornelius J. Ndetei, leiðbeinandi er Matthew Roberts (VÍ).

10.00-10.10 **Prospecting CDM for Kenya: toward a green 'geothermal' economy. The case of Olkaria and Menengai geothermal power projects** flutt af Thecla M. Mutia leiðbeinandi er Kristín Harðardóttir (Umhverfisstofnun).

10.10-10.20 **The Domes wellfield at Olkaria, Kenya: reservoir characteristics with emphasis on fluid chemistry** flutt af Isaack Kanda, leiðbeinandi er Stefán Arnórsson (HÍ).

10.20-10.30 **Chemical characteristics and the formation conditions of geothermal fluids in Reykir vid Reykjabraut area, N-Iceland** flutt af Li Yuanyuan, leiðbeinandi er Magnús Ólafsson (ÍSOR).

10.30-10.40 **Environmental factors to be considered in geothermal exploration/ production in Dominica** flutt af Thesser E. De Roche, leiðbeinandi er Halldór Ármannsson (ÍSOR).

10.40-10.50 **Gas geochemistry of the Miravalles, Pailas and Borinquen geothermal areas of Costa Rica, and a comparison with Reykjanes and Theistareykir geothermal fields of Iceland** flutt af Bi Yun Zhen Wu, leiðbeinandi er Þráinn Friðriksson (ÍSOR).

10.50-11.00 Kaffihlé

11.00-11.10 **Chemical assessment of water prospects for direct applications in Nicaragua** flutt af Manuel A. Vanegas C., leiðbeinandi er Gestur Gíslason (Reykjavik Geothermal).

11.10-11.20 **Borehole geology of well SJ9-2, San Jacinto Tizate, geothermal field, Northwestern Nicaragua** flutt af Robertha M. Quintero R., leiðbeinandi er Anette K. Mortensen (ÍSOR).

11.20-11.30 **Borehole geology and alteration mineralogy of well H-52, Hellisheidi geothermal field, SW-Iceland** flutt af Moneer Fathel Alnethary, leiðbeinendur eru Sandra Snæbjörnsdóttir og Steinþór Níelsson (ÍSOR).

11.30-11.40 **Borehole geology and hydrothermal mineralisation of well HE-27, Hellisheidi geothermal field, SW-Iceland** flutt af Lucy Njue, leiðbeinandi er Björn Harðarson (ÍSOR).

11.40-11.50 **Borehole geology and hydrothermal alteration mineralogy of well HE-39, Hellisheidi geothermal field, SW-Iceland** flutt af Peter Mbia, leiðbeinandi er Björn Harðarson (ÍSOR).

11.50-12.00 **Geothermal well cementing, materials and placement techniques** flutt af Evans Bett, leiðbeinendur eru Hannes Sverrisson og Hinrik Árni Bóasson (Mannvit).

12.00-12.10 **Controlled directional drilling: a case of Kenya and Iceland** flutt af Thomas M. Ong'au, leiðbeinendur eru Sverrir Þórhallsson, Sigvaldi Thordarson (ÍSOR) og Björn Már Sveinbjörnsson.

12.10-12.20 **Drilling programme for low-temperature geothermal wells using small rigs: case history Siglufjördur, Northern Iceland** flutt af Magsarjav Gombo, leiðbeinandi er Sverrir Þórhallsson (ÍSOR).

12.20-13.00 Hádegishlé

13.00-13.10 **Magnetotelluric (MT) and transient electromagnetic (TEM) methods in geothermal exploration with examples from Krýsuvík area, Reykjanes peninsula, SW-Iceland** flutt af Tamrat Fantaye, leiðbeinandi er Gylfi Páll Hersir (ÍSOR).

13.10-13.20 **Joint inversion of TEM and MT data, case story Krýsuvík high tempereture area** flutt af Boinaidi Ali Said, leiðbeinandi er Gylfi Páll Hersir (ÍSOR).

13.20-13.30 **1-D joint inversion of TEM and MT data of resistivity soundings, their comparision with mineral alteration and temperature in drillholes: case study Krýsuvík area, Reykjanes peninsula, SW-Iceland** flutt af Constantin Irabaruta, leiðbeinandi er Gylfi Páll Hersir (ÍSOR).

13.30-13.40 **Reinjection and tracer tests of wells ST0901 and ST0902 in the Xiongxian geothermal field, Hebei province, China** flutt af Pang Jumei leiðbeinendur eru Guðni Axelsson og Sæunn Halldórsdóttir (ÍSOR).

13.40-13.50 **Resource assessment of Tompaso geothermal field** flutt af Bayu Tri Handoko, leiðbeinandi er Andri Arnaldsson (Vatnaskil).

13.50-14.00 **Analysis of temperature and pressure characteristics of the Hverahlíd field in the Hengill geothermal system, SW-Iceland** flutt af Misghina Afeworki, leiðbeinendur eru Svanbjörg Haraldsdóttir og Páll Jónsson (ÍSOR).

14.00-14.10 **A reservoir assessment of the Southeast part of Olkaria domes, geothermal field, Kenya** flutt af Felix M. Mwarania leiðbeinendur eru Páll Jónsson og Svanbjörg Haraldsdóttir (ÍSOR).

14.10-14.20 **Generating capacity and sustainable use of geothermal resources in Nevis** flutt af Anelda Maynard-Date, leiðbeinandi er Grímur Björnsson (Reykjavik Geothermal).

14.20-14.30 **Main considerations in the electric protection design for geothermal power plants** flutt af Luis A. Aguirre, leiðbeinandi er Snæbjörn Jónsson (Verkís).

14.30-14.40 **Basic design of Lumut Balai geothermal power plant 2x25 MW, Indonesia** flutt af Hanifah Bagus Sulistyardi, leiðbeinendur eru Guðrún Sævarsdóttir (HR) og Marta Rós Karlsdóttir (HÍ).

14.40-14.50 **Comparison and selection of preliminary geothermal fluid flow pipeline design of steam gathering systems 2x25 MW unit 1 and 2, Ulubelu, Sumatera, Indonesia** flutt af Novi Purwono, leiðbeinandi er Magnús Þór Jónsson (HÍ).

14.50-15.00 **Prefeasibility design of single flash in Asal geothermal power plant 2x25 MW, Djibouti** flutt af Hamoud Souleiman Cheik, leiðbeinendur eru Guðrún Sævarsdóttir (HR) og Marta Rós Karlsdóttir (HÍ).

Allir áhugamenn um jarðhita eru velkomnir