

## Seminar on Deep Roots of Geothermal Systems

# Krafla

15. March 2012, 13:10-16:15

Askja, Sturlugata 7, Room 132

This is the third seminar in a series of seminars on four of the main geothermal systems in Iceland, Hengill, Krísuvík, Krafla and Reykjanes. The seminars are organised by the GEORG expert group on Deep Roots of Geothermal systems. The objective of this seminar series is to gather the existing knowledge on these four systems analyse the differences and similarities and explore possibilities for further cooperation and knowledge-gaining on the topic of Geothermal Deep Roots.

- 13:10-13:20**      **Opening by the chairman**  
*Bjarni Pálsson, Landsvirkjun*
- 13:20-13:40**      **Geology of the Krafla volcanic system**  
*Kristján Sæmundsson, ISOR*
- 13:40-14:00**      **Conceptual model of the Krafla geothermal system revisited in Petrel**  
*Anette K Mortensen, ISOR*
- 14:00-14:20**      **Fluid chemistry of the Krafla reservoir**  
*Þráinn Friðriksson, ISOR*
- 14:20-14:40**      **Utilization of the IDDP-01 fluid**  
*Sigurður H Markússon, Landsvirkjun*
- 14:40-15:00**      **Coffee Break**
- 15:00-15:20**      **Seismicity inside the Krafla caldera**  
*Kristján Ágústsson, ISOR*
- 15:20-15:40**      **Heat flow in the roots of the Krafla geothermal system**  
*Sigríður Sif Gylfadóttir, ISOR*
- 15:40-16:15**      **Summary of lectures and discussion**  
*Ásgrímur Guðmundsson,  
Landsvirkjun*

