

## Seminar on Deep Roots of Geothermal Systems

# Hengill

16. February 2012, 13:00-16:00

Askja, Sturlugata 7, Room 132

This seminar is the first 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.

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| <b>13:00-13:10</b> | <b>Opening by the chairman</b><br><i>Einar Gunnlaugsson</i>   |
| <b>13:10-13:30</b> | <b>Geology of the Hengill area</b><br><i>Hjalti Franzson, ISOR</i>  |
| <b>13:30-13:50</b> | <b>Resistivity - MT</b><br><i>Knútur Árnason, ISOR</i>  |
| <b>13:50-14:10</b> | <b>Crustal deformation in the Hengill area</b><br><i>Þóra Árnadóttir, University of Iceland</i>                     |
| <b>14:10-14:30</b> | <b>Seismic activity</b><br><i>Kristín Vogfjörð, Icelandic Met Office</i>  |
| <b>14:30-14:50</b> | <b>Temperature distribution and modelling</b><br><i>Gunnar Gunnarsson, Reykjavík Energy</i>                         |
| <b>14:50-15:10</b> | <b>Chemistry of geothermal fluids in Hellisheiði geothermal system</b><br><i>Ingvi Gunnarsson, Reykjavík Energy</i> |
| <b>15:10-16:00</b> | <b>Summary of lectures and discussion</b><br><i>Sveinbjörn Björnsson</i>  |

