



DRG Conference | Day 1

February 18- 19, 2016

The Deep Roots of Geothermal Systems Open Conference

18-19 February 2016

9:00

Welcome note

Sigurður Magnús Garðarsson, GEORG - Chairman of the Board

9:10

DRG project of GEORG – General introduction

Sveinbjörn Björnsson



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DRG Part 1 Identification and Exploration

9:30 Introduction words

Freysteinn Sigmundsson

9:45 Seismic studies in Krafla:

Karl Gunnarsson / Knútur Árnason

10:05 Fossil geothermal system at Hafnarfjall

Moneer Fathel / Hjalti Franzson

10:35 Fluid-rock interaction around magma intrusions and formation and chemistry of supercritical geothermal vapour

Andri Stefánsson

10:55 Interaction between Magmatic and Hydrothermal System with Fluid Inclusion Analysis

Anette K. Mortensen

11:10 Ups and downs of Krísuvík geothermal area

Freysteinn Sigmundsson / Sigrún Hreinsdóttir

11:30 Future trends in geophysical exploration of the deep roots of geothermal systems

Knútur Árnason



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DRG Part 2 Numerical Modelling of Volcanic Geothermal Systems

11:45 Introduction words

Guðni Axelsson

12:00 Modelling with Hydrotherm and CSMP++

1 Gunnar Þorgilsson

2 Jean-Claude Berthet

13:45 A new supercritical equation-of-state module, EOS1sc, for iTOUGH2

Stefan Finsterle / Lilja Magnusdottir

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DRG Part 3 Utilization – Well and plant design

14:15 Introduction words

Magnús Þór Jónsson

14:30 Corrosion Testing in Simulated High Temperature Geothermal Environment

Sigrún Nanna Karlsdóttir

14:50 Utilization of high-enthalpy geothermal fluids

María S Guðjónsdóttir

15:10 Structural analysis of casings in high temperature geothermal wells

Gunnar Skúlason Kaldal

15:30 Collapse of production casing - an oilfield perspective

Jan Aage Aasen