



WESTERN PACIFIC
REGIONAL BRANCH



International Geothermal Association/GCES Joint Technical Seminar

Non-Conventional Geothermal Power Seminar

Sichuan Railway Hotel, Chengdu, Sichuan, China 16–18 September 2009

Lectures:

Exploration for non-conventional geothermal resources in Australia

Graeme Beardsmore (Hot Dry Rocks Pty Ltd, Australia)

Development of non-conventional geothermal reservoirs in Germany

Ernst Huenges (Helmholtz Centre Potsdam, Germany)

Geothermal power plant design

Paul Quinlivan (Sinclair Knight Metz, New Zealand)



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Overview of lectures

Exploration for non-conventional geothermal resources in Australia

Graeme Beardsmore

Geothermal energy in Australia

Geothermal plays

Exploring for temperature

Exploring for transmissivity

Designing exploration programs

Australian case studies

Development of non-conventional geothermal reservoirs in Germany

Ernst Huenges

Exploration

Drilling

Reservoir stimulation

Thermal water loop

Surface technologies

Economics and environment

Geothermal power plant design

Paul Quinlivan

Geothermal resources

Geothermal technology

Design considerations

Risks and timing

Economics