



# ENGINE

Enhanced Geothermal Innovative  
Network  
For Europe  
<http://engine.brgm.fr>

## Workshop 1

***Defining, exploring,  
imaging and  
assessing  
reservoirs for  
potential heat  
exchange***

**November 6<sup>th</sup> – 8<sup>th</sup> 2006  
Potsdam, Germany**

## BACKGROUND

The workshop is organised within the framework of the BMU geothermal Advisory Board and the EU ENGINE-project

## AIM OF THE WORKSHOP

The aim of the workshop is to discuss the definition and to establish the state of the art in exploration, imaging and assessment of geothermal reservoirs. Experts from both academia and industry will meet to define what future directions in research and development are required in the areas discussed at the workshop.

To give room and time for intensive discussion, the emphasis of the workshop will be on poster presentations. Each thematic session will be introduced by two introductory talks, followed by short “commercials” (3 minutes) for posters associated with the session. A general discussion will mark the end of each session.

## PROVISIONAL PROGRAMME

**Monday, November 6th 2006  
Sessions I and II**

*9:00 a.m. – 1:00 p.m.*

**Session I “Signatures of temperature field for defining and exploring potential geothermal reservoirs”**

➤ Keynote addresses

1. A. Förster et al. (GFZ): Temperature and heat flow techniques in exploration ...
2. K. Schulmann (U. Strasbourg): Variscan belt: new model for lithological and thermal ...

➤ Poster presentations

➤ Discussion

### Lunch

*2:00 – 6:00 p.m.*

**Session II “Signatures of fluid transport in Earth’s crust”**

➤ Keynote addresses

1. J. Faulds (U. Nevada): Geologic and geophysical analyses of geothermal fields in USA ...
2. A. Gudmundsson (U. Göttingen): Mechanical behaviour, natural permeability and ...

➤ Posters presentations

➤ Discussion

**8:00 Dinner**

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**Tuesday, November 7th 2006**  
**Sessions III and IV**

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9:00 a.m. – 1:00 p.m.

**Session III “State of the Art in the exploration of potential geothermal reservoirs”**

➤ Keynote addresses

1. A. Fiordelisi (ENEL): State of the art in geothermal exploration in Italy
2. M. Weber (GFZ): First results from the IGET project on integrated geophysical exploration.

➤ Poster presentations

➤ Discussion

**Lunch**

2:00 – 5:00 p.m.

**Session IV “Processes in geothermal reservoirs”**

➤ Keynote addresses

➤ Poster presentations

1. S. Oates (Shell): Microseismic monitoring of hydraulic stimulation ...
2. P. Johannessen (GEUS): Reservoir characterization of hydrocarbon bearing ...

➤ Poster presentations

➤ Discussion

5:30 – 7:00 p.m. **Steering Committee Meeting (perhaps next day)**

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**Wednesday, November 8th 2006**

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9:00 a.m. – 2:00 p.m.

**Site visit Groß Schönebeck (optional)**

➤ (site visit schedule)

**Place**

GeoForschungsZentrum Potsdam (GFZ)  
14473 Potsdam, Telegrafenberg,  
Germany  
Room: Building H, conference rooms

**Registration**

For registration please use online registration fom at  
<http://conferences-engine.brgm.fr/confRegistrationFormDisplay.py/display?confId=1>

**Registration deadline: 27th October 2006**

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