



Association Suisse des Géologues et  
Ingénieurs du Pétrole

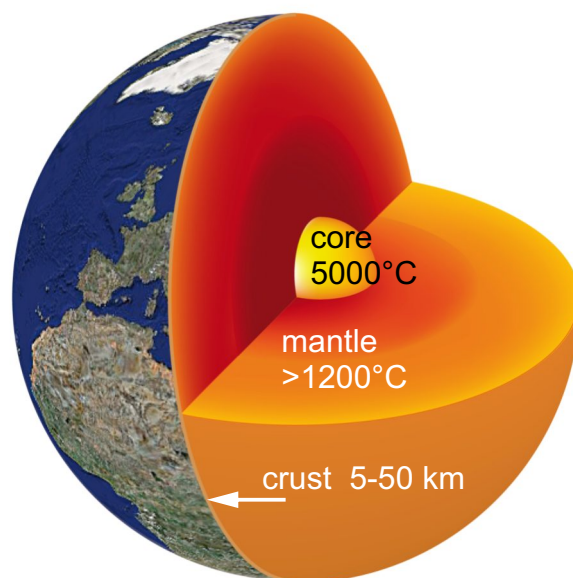
**Mercredi 1<sup>er</sup> octobre 2008**

**salle 001, 18.00 h.**

13, rue des Maraîchers, 1205 Genève

## **Enhanced Geothermal Systems, the geological and technical challenges. Lessons Learnt from the Deep Heat Mining project in Basel**

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*Geothermal Explorers Ltd.*



99% of our planet are  $>1000^{\circ}\text{C}$ . Let's use it!

The Deep Heat Mining project in Basel is one of the leading development projects for Enhanced Geothermal Systems (EGS). The project is carried by Geopower-Basel AG, a partnership of the utility company of Basel with a number of major Swiss utility companies and power producers. The project is developed and operated by Geothermal Explorers Ltd.

Worldwide activities in developing EGS are expanding in an unprecedented way, since an MIT study concludes that 10% of the US power demand could be covered with EGS by 2050. Due to favourable mining regulations the highest activities in EGS development are currently in Australia, where a dozen stock market listed companies are competing for a leading edge in this technology. The Electric Supply Industry Planning Council in Australia is forecasting a 7% EGS power production by 2030.



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