



Swiss Association of Energy Geoscientists  
Schweizerische Vereinigung von Energie-Geowissenschaftlern  
Association suisse des géoscientifiques de l'énergie  
Associazione svizzera geoscientifici dell'energia



**UNIVERSITÉ  
DE GENÈVE**  
FACULTÉ DES SCIENCES

The Swiss Association of Energy Geoscientists (SASEG)  
as part of its 2016 Programme  
presents  
in cooperation with the Department of Earth Sciences of the University of Geneva  
a lecture by

**Prof. Dr. Hans-Joachim Kümpel**  
President, Bundesanstalt für Geologie und Rohstoffe, Hannover  
(Federal Institute for Geosciences and Natural Resources, Germany)

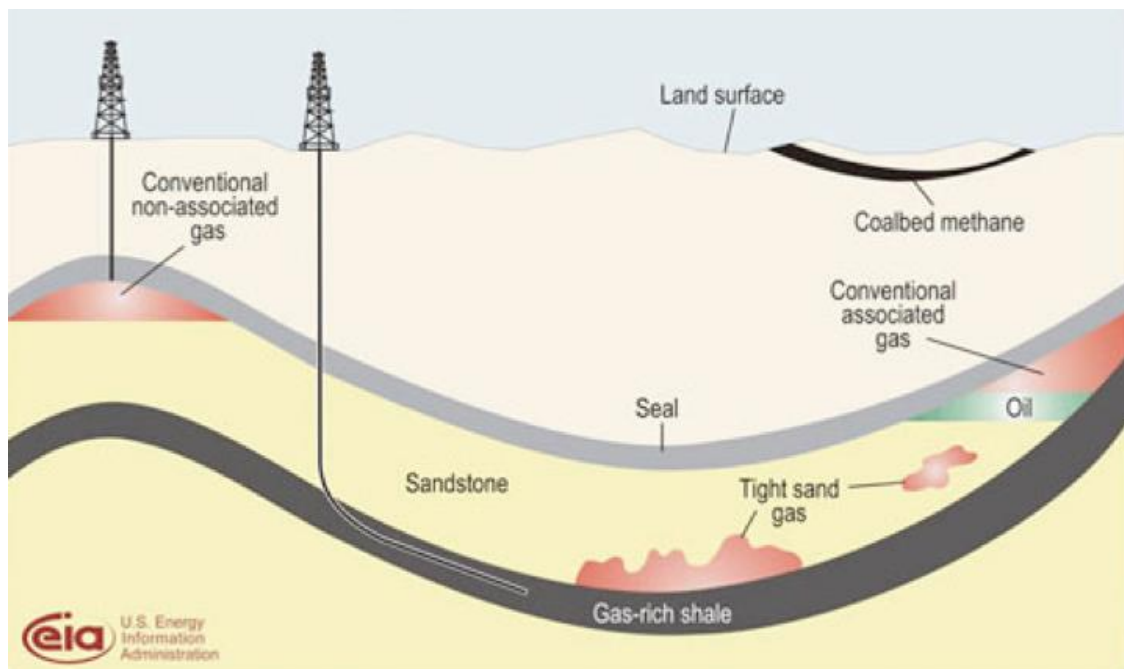
# "Unconventional Gas in Europe, Chances and Risks (and the role of gas in the German/European energy supply)"

Wednesday, 13 January 2016, 17h15

University of Geneva, Department des Sciences de la Terre, Auditorium 1  
13, Rue des Maraîchers  
1205 Genève

You are cordially invited to attend (non SASEG guests welcome)

Peter Burri  
SASEG President





## **Prof. Dr. Hans-Joachim Kümpel**

SASEG is very happy to bring with Prof. Kümpel a top expert to Geneva, a person highly qualified to give an overview on the topic of unconventional gas and geothermal exploration and Hydraulic Fracturing in Europe. Hans-Joachim Kümpel is a mathematician and geophysicist by training. After an academic career in Germany and Canada, he became in 2007 President of the German Federal Institute for Geosciences and Natural Resources (BGR) in Hannover. In this position he can be considered “the highest placed Geoscientist in Germany” and his opinion carries a lot of weight. As president of the BGR he has in recent years repeatedly spoken on the topic of unconventional resources and the technology of Hydraulic Fracturing, be it in lectures, hearings, on TV and in the media in general, always trying to bring a balanced, rational and sober scientific voice into the emotional political debate. The advice of the BGR is not only sought by the German Authorities but is equally heard in Europe as a whole.

Prof. Kümpel is a member of acatech (the German Academy of Technical Sciences). which has issued in mid 2015 an extensive evaluation and recommendation on the subject of hydraulic fracturing in the exploration of gas but also in deep geothermal energy.

### **Areas of Activity and Research:**

Methods of Applied Geophysics  
Theory of Poroelasticity / Subsurface Pore Pressure Anomalies  
Management of Research and Knowledge in Geosciences

### **Curriculum vitae:**

1971 – 1973 Baccalaureus in Mathematics and Informatics, University of Freiburg/Br.  
1973 – 1982 Diploma and PhD in Geophysics, University of Kiel  
1983 Post-Doc Scholarship at Dalhousie University, Halifax, Canada  
1984 –1991 Research Assistant, Academic and Senior Associate Assistant, University of Kiel;  
Habilitation Thesis “Deformation in the Vicinity of Wells”  
1991 – 2001 University Professor for Applied Geophysics, University of Bonn  
2001 – 2007 Director of Leibniz Institute for Applied Geosciences, now Leibniz-Institute for Applied Geophysics, Geozentrum Hannover  
Aug. 2007 President of Bundesanstalt für Geowissenschaften und Rohstoffe