



Nederlandse Kring Aardse Materialen - NKAM

TNO Geo Energy & Geo Information



Najaarssymposium 2009

"Faults and fault rocks, seals and seismic hazards"

9:00-9:30 hr. Welcome + coffee

9:30-10:15 hr. **Prof. Quentin Fisher**, University of Leeds
Multi-phase flow properties of fault rocks-Implications for predictions of across-fault flow during production

10:15-11:00 hr. **Prof. Chris Spiers**, Utrecht University
Microphysical processes controlling fault slip behaviour: theory vs. experiment

11:00-11:30 hr. Coffee/tea

11:30-12:15 hr. **Heijn van Gent**, RWTH Aachen University
From Fault Seal to Fault Leak: Effect of Mechanical Stratigraphy on the Evolution of Transport Processes in Fault Zones

12:15-13:15 hr. lunch time (*lunch is provided for speakers only*)

13:15-14:00 hr. **Dr. Wouter van der Zee**, Geomechanics International
Geomechanical modeling of faults in layered sequences

14:00-14:45 hr. **Dr. Bogdan Orlic**, TNO Geo Energy and Geo Information
Assessing geomechanical effects of CO₂ injection on faults, seals and wells

14:45-15:15 hr. Coffee/tea

15:15-16:00 hr. **Dr. Auke Barnhoorn**, Utrecht University
Ductile shear zones in the crust: Strength and deformation behavior of calcite rock types

16:00-16:45 hr. **Dr. Siska Valcke**, TNO Constructions and Safety
Crack initiation and healing in concrete: microscopy studies

16:45-19:00 hr. *De Roever Prize 2009 presentation, wrap-up discussion & drinks*

More information (abstracts, etc.) can be found on **www.NKAM.nl**