



NKAM najaarssymposium 2011

"Properties of coals and shales pertinent to coalbed methane and shale gas production"

Tuesday 22 November 2011, 9:30 hr, Aula TNO Utrecht (Uithof)

- 9:30-10:00 Welcome & coffee
- 10:00-10:30 Chris Spiers (UU)- *Shale Gas versus (E)CBM production: some parallels, problems and questions*
- 10:30-11:00 Bert de Wijn (Wintershall)- *Shale Gas. What Gas? What Shale?*
- 11:00-11:30 Hans de Pater (Fenix Delft)- *Shale gas producibility, shear fractures and seismicity - Are they connected?*
- 11:30-11:45 Coffee break
- 11:45-12:15 Andreas Busch (Shell)- *Some petrophysical aspects of tight argillaceous rocks for shale gas production and CO₂ storage integrity*
- 12:15-12:45 Sander de Jong (UU)- *Strain development in smectite clays from exposure to CO₂*
- 12:45-13:15 Lunch (lunch will be provided)
- 13:15-13:45 Sander Hol (UU)- *Stress-strain-sorption behaviour of coal exposed to CO₂*
- 13:45-14:15 Frank van Bergen (TNO)- *Geological evaluation of shale gas, bridging the scales*
- 14:15-14:45 Guillaume Desbois, Janos Urai, Maartje Houben, Susanne Hemes, Jop Klaver (RWTH Aachen)- *BIB-SEM of representative area clay structures: insights and challenges*
- 14:45-15:15 Coffee break
- 15:15-15:45 Herman Lemmens (Fei Company)- *Multi-scale imaging of shale, from millimeters to nanometers, in 2D and 3D*
- 15:45-16:15 Elisa Battistutta (TU Delft)- *Error determination in a manometric set up (experiments on coal)*
- 16:15-17:00 **NKAM W.P. de Roever Prize 2011 with presentation winner Loes Buijze**
Frictional strength of fault rocks over a large range of velocities: Insights from rotary shear experiments on analogue halite gouge
- 17:00- Drinks