



Symposium

Geoscience meets Physics – Visions for the new century

Saturday, May 3, 2014 from 9am-6pm
Geoscience Centre, Lecture Hall

Program

(The talks will be 30 min with 15 min time for discussion)

- 9:00-9:15 Opening by Enrico Schleiff, Vice President of the JWGU
- 9:15-10:00 Bernard Wood: *Geochemical constraints on the accretion and differentiation of the Earth*
- 10:00-10:45 Stefan Weyer: *Metal-isotopic fingerprinting on processes of planet formation and differentiation*
- 10:45-11:00 Coffee Break
- 11:00-11:45 Sune Nielsen: *Vanadium isotopes: A new tool to investigate deep Earth and early Solar System processes*
- 11:45-12:30 Vincent van Hinsberg: *There and back again: New insights into subduction zone element mobility from mineral probes*
- 12:30- 13:30 Lunch Break
- 13:30-14:15 Tim John: *Dehydrating slabs – mechanisms, flow structures, and rates*
- 14:15-15:00 Joerg Hermann: *The Earth's deep water cycle*
- 15:00-15:15 Coffee Break
- 15:15-16:00 Horst Marschall: *Diffusion of HFSE in Rutile: implications for thermometry, speedometry, & trace-element signatures in crustal melts*
- 16:00-16:45 Francois Holtz: *Magmatic processes at subduction zones*
- 16:45-17:00 Closing