

Department colloquium
Friday, July 14th 2017
LM 12 Foyer und Hörsaal Geographie

09.00 - 10.15	Welcome & 3 Talks
10.15-10.30	Coffee Break (Poster Mounting)
10.30-12.00	4 Talks
12.00-13.00	Lunch break (not organised) and Poster
13.00-14.30	4 Talks
14.30-15.30	Poster Session
15.30-17.00	3 Talks
17.00 – 18.30	Poster and BBQ
18.30-...	BBQ

The BBQ is kindly organized by the Fachschaften Erdwissenschaften

Talks

Talks should be 15 minutes plus 5 for discussion.

Following talks are given in alphabetical order of the author. The order of presentation will be announced at the beginning of the day.

1. Giehl, C. - Volcanic Ash in Jet Turbine Engines: Safe or Serious?
2. Gross, F. - Submarine Hazards: Analysis, Modelling, Monitoring and Assessment.
3. Heinemann, M. - Glacial CO₂ drawdown due to particle ballasting: an ocean carbon cycle model estimate
4. Lüders, K. - Influence of thermal energy storage on the groundwater chemistry
5. Pfeiffer, T. - Hydrogen energy storage in porous geological formations
6. Richter, P. - How stable are surface Sediment distribution patterns in the German Bight (North Sea)?
7. Salvattecì, R. - Decadal to Millennial-scale variability in oxygenation and productivity in the Peruvian Upwelling region
8. Schröder, J. F. - Monsoonal rainfall patterns in the Indo-Pacific Warm Pool: Evolution and driving mechanisms at orbital and suborbital timescales
9. Schwardt, M. & Fediuk, A. - The Harbour-Project - Challenges for amphibian Geophysics
10. Steinberg, A. - What can seismological and satellite data tell us about the complexity of earthquake sources?
11. Stutz, H. - Geomechanical material behaviour – experimental and hypoplastic modeling
12. Szwillus, W. - The state of the Solid Earth from satellites
13. Wiesenberg, L. - Ambient Noise tomography across the Oman Ophiolite
14. Zoheir -New ideas of gold metallogenesis of the Eastern Desert of Egypt

Poster

Poster Format: A0 Portrait.

Please mount your poster on Friday morning, latest in the coffee break. Put them up according to the number in the list. Please dismount them until 18.30h in the evening.

1. Alberti et al. - Reconstructing Jurassic ecosystems of Gondwana
2. Alberti et al. - Reconstructing Jurassic environments of Gondwana
3. Basnet, A. - Hybrid wave propagation modelling
4. Beil - New insights into Cenomanian paleoceanography and climate evolution from the Tarfaya Basin, southern Morocco
5. Corradini, E. and N. Pickartz, D. Panning - SFB 1266: "Scales of Transformation": Geophysical prospecting, classification and validation of settlement remains in changing environments
6. Daout - Towards modelling the earthquake deformation cycle by using geodetic and seismological data
7. Delfs et al. - Brine migration resulting from pressure increases in a layered subsurface system
8. Dethlefsen, F. et al. - Datenbasis für eine raumplanerische Bewertung der unterirdischen Speicherung von Energie
9. Düsterhöft, E. et al. - Synthetic receiver function profiles through the upper mantle and the transition zone for upwelling scenarios
- 10.
11. Dzieran, Laura - Seismoelectric Ground Response to Local and Regional Earthquakes
12. El-Sharkawy, A., Meier, T., Lebedev, S., Weidle, C, Cristiano, L. - Surface wave tomography across the Alpine-Mediterranean mobile belt
13. Hailemariam et al. - Geothermic and T-H-M Energy Geoengineering
14. Held et al. - Pinging against the state-of-the-art: enhanced seabed classification with a rotated INNOMAR echosounder
15. Höft et al. - From the late Pleistocene to the present day- A geological study of the Schlei
16. Hornbruch et al. - Sanierung mit Nanoeisenpartikeln - Laborversuche, numerische Modellierung und Feldexperimente
17. Jiriglatu - A 3D Stochastic Joint Inversion of Airborne Gravity Gradient Data over Karasjok Greenstone Belt, Northern Norway
18. Jöhnck et al. - Indian monsoon variability in a warmer world: Exploring the Miocene-Pliocene sediment archives of IODP Expedition 353 Sites U1447 and U1448 (Andaman Sea)
19. Kafle –Sabeeh - Structure-Soil Interaction by Macromodelling
20. Khon/Schneider - Seasonal Cycle and Interannual Variability of the Eastern Equatorial Pacific during the Holocene and Eemian from Model Simulations
21. Kochhann - Eccentricity-paced Pacific carbonate dissolution cycles during the Miocene Climatic Optimum
22. Koproch, N. et al. - Temperatureinfluss auf die CKW-Lösung
23. Lebas et al. - Preliminary results of a seismic pre-site survey at Levinson-Lessing Lake, Northern Siberia
24. Lehr, Johanna - Analysis of volcanic low-frequency events using multiple small-aperture arrays: an example from Villarrica Volcano
25. Li et al. - Morphology and sediment dynamics of the upper headwall area of the Sahara Slide Complex, NW Africa
26. Lindhorst et al. - Geomorphology, processes and geohazards of giant submarine landslides and tsunami generation capacity

27. Lohrberg & Schneider - Hydroacoustic detection of gas seepage from sediments: Evidence for a widespread degassing event in the Eckernförde Bay (Baltic Sea)
28. Löptien/Dietze - Climate's gearbox: The Southern Ocean
29. Lübbers - Deep water circulation and productivity in the equatorial Indian Ocean (IODP Site U1443) through the Miocene Climatic Optimum
30. Mecking - Seismische Untersuchungen eines hellenistischen Grabhügels in Bergama (Türkei)
31. Metzge, A. et al. - Impact of pH on hydrogen oxidizing redox processes in aquifers due to gas intrusions
32. Mousavi - Asthenospheric heterogeneities beneath the Iranian Plateau due to Neo-Tethys slab break-off: 3D thermal and compositional structure
33. Müller - Hydrous lower oceanic crust: continuous activity of seawater-derived fluids at very high to medium temperatures - records from the Oman ophiolite (Wadi Gideah, Wadi Tayin massif)
34. Nordbeck et al. - Experimental and numerical investigation of a scalable modular geothermal heat storage system
35. Olbert, K., Küperkoch, L., Meier, T. - Results from automatic processing of induced seismicity at geothermal reservoirs
36. Pappa - Detecting the ancient cores of Antarctica in a new integrated lithospheric model
37. Popp et al. - Numerical simulations of the impact of seasonal heat storage on source zone emission in a TCE contaminated aquifer
38. Rizvi, Sattari - Lattice Element Modelling in Geoengineering
39. Rusch et al. - Sikyon - erste geophysikalische Prospektion einer sedimentierten antiken Stadtruine am Golf von Korinth
40. Ruscic, M., Becker, D., Le Pourhiet, L., Agard, P., Meier, T. - A statistical analysis of Wadati-Benioff seismicity
41. Scholten et al. - Why care about Submarine Groundwater Discharge? The Eckernförde Bay
42. Segscheider et al. - Marine carbon cycle variations during the Holocene from transient model simulations
43. Sembdner et al. - Biotechnologies in Geoengineering
44. SO-257 Shipboard Party - Marine Records of the Australian Monsoon and Desert Dust
45. Sobh - The lithospheric structure of the Saharan Metacraton from integrated geophysical-petrological modelling
46. Struß, J. et al. - Ausbreitungsverhalten von Wärmeträgerinhaltsstoffen im Grundwasser für den Fall einer Erdwärmesonden-Leckage
47. Szczygielski, A. et al. - Do we know all patterns of a continental shelf? The Gulf of Tonkin case
48. Tchouankwe Kamga - (Zn²⁺, Ga³⁺)-partition investigation of the homologous serie Ga₂O₃(ZnO)_m (m= 10) applying the bond valence theory
49. von Rönn et al. - Geo-habitats in the southwestern Baltic Sea - insights into the shallow water zone
50. Wang et al. - Operational design and pressure response of large-scale compressed air energy storage in porous formations
51. Weidle, C. et al. - Seismizität in Schleswig-Holstein
52. Weidle, C. et al. - Temporäre seismische Netze
53. Wittbrodt, K. et al. - Influence of sediment distribution and geological built-up for feeding grounds of seabirds
54. Yixiati - Satellite data and the long-wavelength part of aeromagnetic compilations – Examples using the Australian National database