

Institutskolloquium 2019

Institut für Geowissenschaften

Freitag, 24. Mai 2019, 9:00-17:00 Uhr

Hörsaal 9

Zeit	Vortragende/r	Vortragstitel	AG
9:00 - 9:20	Julia Lübbers	The middle to late Miocene "Carbonate Crash" in the equatorial Indian Ocean	AG Kuhnt
9:20 - 9:40	Miriam Pfeiffer	Corals and coral reefs under climate change	AG Pfeiffer
9:40 - 10:00	Arne Lohrberg	Paleo landscapes of the southeastern North Sea imaged by high-resolution seismics	AG Krastel
10:00 - 10:20	Joachim Segschneider	Holocene Climate and biogeochemistry from transient model simulations	AG B. Schneider
<i>Kaffeepause und Poster</i>			
11:00 - 11:20	Samuel Müller	Mass transfer at hydrothermal fault zones in the lower oceanic crust: An example from Wadi Gideah, Samail ophiolite, Oman	AG R. Schneider
11:20 - 11:40	Thorsten Bauersachs	Climate warming as trigger for cyanobacterial blooms in the Holocene Baltic Sea	AG Schwark
11:40 - 12:00	Erik Düsterhoeft	Die metamorphe Entstehung des Bancroft Terrans (Grenville Provinz, Kanada): von Feld zur Thermodynamik	AG Bousquet
12:00 - 12:20	Christopher Heilmann	Archäometrie am IfG - Mehrskaligen-Rekonstruktion von neolithischer Keramik	AG Holzheid
12:20 - 12:40	Gerald Herrling	Process-based modelling of Wadden Sea barrier island morphodynamics and tidal inlet sediment bypassing	AG Winter
<i>Mittagspause</i>			
13:40 - 14:00	Janine Struß	Wärmespeicherung in urbanen Räumen mit Hilfe von „Aquifer Thermal Energy Storage“	AG Dahmke
14:00 - 14:20	Rizvi H. Zarghaam	Lattice Element Method and Application in Multiphysics	AG Wuttke
14:20 - 14:40	Johanes Nordbeck	Experimentelle und numerische Charakterisierung zementbasierter Wärmespeicher	AG Bauer
14:40 - 15:00	Christian Weidle	Erdbeben in Norddeutschland	AG Meier
15:00 - 15:20	Erica Corradini	First reconstruction of the palaeoenvironment at the Mesolithic site of Duvensee using geophysics and geoarchaeology	AG Rabbel
15:20 - 15:40	Peter Haas	A travel to the Western Gondwana cratonic cores with the GOCE satellite	AG Ebbing
15:40 - 17:00	<i>Postersession</i>		
ab 17:00	<i>Grillen</i>		

Poster #	Autoren	Titel	AG
1	Hoogestraat et al.	Detecting natural ground motion in Schleswig-Holstein from radar satellite data	AG Ebbing
2	Lösing et al.	Probabilistic Inversion of Antarctic Surface Heat Flow – Impact of Curie Isotherm and Moho Depth Models	AG Ebbing
3	Steinberg et al.	Data-driven constraints on Earthquake rupture segmentation modeling	AG Ebbing
4	Gross et al.	Submarine Landslide Risk offshore Mt Etna?	AG Krastel
5	Held, P., Schneider, J.	New feature classes for acoustic habitat mapping - a multibeam echosounder point cloud analysis for mapping submerged aquatic vegetation (SAV)	AG Krastel
6	Lenz et al.	Characterization of acoustic blanking zones in seismic reflection data near Henry Seamount, Canary Islands	AG Krastel
7	Wiesenberg, L., Weidle, C., El-Sharkawy, A., Meier, T., Agard, P., Lebedev, S.	Towards a "COOL" 3-D Structural Model for the Oman Ophiolite	AG Meier
8	Kruse, T., Cristiano, L., Meier, T.	Verteilung der Meeresmikroseismik an ausgewählten Stationen weltweit	AG Meier
9	El-Sharkawy, A., Meier, T., Lebedev, S., Hamada, M., Weidle, C., Cristiano, L.	A 3-D Shear-wave Velocity Model Across the Alpine-Mediterranean Mobile Belt from High-resolution Rayleigh Wave Tomography	AG Meier
10	Erkul, E.	Geophysikalisches Monitoring eines geothermischen Experimentes im Kieler Geomodell	AG Rabbel
11	Pickartz, N.	Quantification of Daub Masses based on Magnetic Prospection Data	AG Rabbel
12	Wunderlich, T.	ERT mit Nebenbedingungen aus Direct-Push EC-logs und Bohrungen am Beispiel eines verlandeten Flussbettes in Ostia, Italien	AG Rabbel
13	Gasanzade, F., Bauer, S., Pfeiffer, W. T.	Sensitivity analysis of fault zone parametrization for an underground gas storage site	AG Bauer
14	Hu, L., Somogyvári, M., Bauer, S.	Characterizing the spatial hydraulic properties at a gas storage site using three-dimensional cross-well pumping tests	AG Bauer
15	Wang, B., Liedtke, P., Bauer, S.	Experimental investigation of a high temperature BHE in dry sand (GeoModel)	AG Bauer
16	Sattari, A. S.	Geomint – Experiments and Simulation of Discontinuity in Geomaterial	AG Wuttke
17	Aji, H. B. D.	Hybrid Modeling of Dynamic Soil-Structure-Interaction	AG Wuttke
18	Hailemariam, H.	Thermal and dielectric behavior of porous media	AG Wuttke
19	Schwardt, A., Popp, N., Dahmke, A., Köber, R.	Temperaturabhängigkeit der Reaktivität von Fe-Nanopartikeln zur Sanierung organischer Kontaminationen im Grundwasser	AG Dahmke
20	Meier zu Beerentrup, K., Dahmke, A.	Anwendung von drainierter Zentrifugation zur experimentellen Bestimmung temperaturabhängiger Veränderungen der Porenwasserchemie in geringdurchlässigen Sedimenten	AG Dahmke
21	Bohm, S.	MENA SElecT - Middle East North Africa Sustainable Electricity Trajectories	AG Dahmke
22	Díaz Mendoza et al.	A new approach for coastal habitat interpretations	AG Winter
23	Gerald et al.	Parameterisation of bedform induced hydraulic flow resistance in coastal scale numerical models	AG Winter

24	Marius et al.	Regime Shifts in estuaries: Effects on sediment transport inferred from coral-Sr/Ca measurements	AG Winter
25	Beil et al.	The influence of Cretaceous global Oceanic Anoxic Events on the paleoceanographic evolution of the eastern Atlantic margin	AG Kuhnt
26	Holbourn et al.	Reconstructing Miocene warm climate dynamics from Indo-Pacific marine archives	AG Kuhnt
27	Kuhnt et al.	Indian Ocean circulation and monsoon variability across late Neogene climate transitions	AG Kuhnt
28	Lauterbach et al.	Indian Summer Monsoon variability across Termination I based on the stable hydrogen isotope composition (δD) of terrestrial plant leaf waxes from IODP Site U1446 (Bay of Bengal)	AG R. Schneider
29	Schirrmacher et al.	Potential climatic and demographic links at the Neolithic to Bronze Age transition in southern Iberia	AG R. Schneider
30	AG Schneider, B.	Paleoclimate and marine biogeochemistry modelling	AG B. Schneider
31	Lötien, U., Dietze, H., Heinemann, M., Schneider, B.	Southern Ocean Carbon Uptake	AG B. Schneider
32	Heinemann, M., Schneider, B., Segschneider, J.	Glacial CO ₂ drawdown due to particle ballasting by aeolian dust	AG B. Schneider
33	Utami, D. A., Reuning, L., Pfeiffer, M.	Microplastic as a sedimentary component in patch reef systems	AG Pfeiffer
34	Reuning, L.	A Miocene „Great Barrier Reef“ on the North-West Shelf of Australia	AG Pfeiffer
35	Leupold, M., Pfeiffer, M., Watanabe, T. Garbe-Schönberg, D., Reuning, L., Shen, C.-C.	Monthly resolved sea surface temperatures of the tropical Indian Ocean for the last centuries	AG Pfeiffer
36	Thiede et al	Dynamic of the Himalayan front	AG Bousquet
37	Follmann, J., Bousquet, R., Lompa, R., Schluter, F.	Basin formation, what can we learn from the North Pyrenean Zone?	AG Bousquet
38	Krupp et al.	Synthetic nanocomposite ceramics – tailored alternative materials of high-pressure minerals	AG Holzheid
39	Kulik et al.	Synthetic Mn-doped jadeite - creation of nanostructures by extreme	AG Holzheid