

Poster exhibition

Two poster socials are scheduled: Monday, 26 and Tuesday, 27 September between 14:30 and 16:00. In order to foster vivid discussions in front of the posters, the poster social will be held without other parallel sessions and will be featured with coffee, drinks and snacks.

The posters are numbered consecutively. These numbers will identify also the assigned poster board. Posters will not be on display all the time, but are changed once during the conference on Tuesday lunch time. We kindly ask all Monday poster presenters to remove their posters before Tuesday lunch break (12:00) to allow Tuesday presenters to mount their posters. Helpers will be around to assist you.

Poster Social Monday: Sessions C4, C5, D4, D5, D6, E1, E2, E4, F-Bodensee, G, N

Poster Social Tuesday: Sessions A1, A2, A3, A5, B1, B2, B3+B4, C1, C2, C3, D1, D2, D3, H, I, K, L

List of posters

Author = presenting*

1) Dufresne, Anja*; Prager, Christoph; Bösmeier, Annette
Detailed morpho-lithological mapping of the Tschirgant rockslide - rock avalanche deposit (Tyrol, Austria) and identification of emplacement processes

A1: Deep seated gravitational slope deformations (incl. rockslides, rock avalanches, ...)

2) Bauer, Christian*; Proske, Herwig
Assessing friction coefficients in forests for rockfall propagation modelling

A2: Shallow landslides and rockfalls

3) Gröner, Eberhard; Wendeler, Corinna; Denk, Mathias*
Auslegung einer flexiblen Hangmurenbarriere und deren Betrachtung nach der Belastung durch ein natürliches Ereignis

A2: Shallow landslides and rockfalls

4) Kamiński, Mirosław*
Dimensional geophysical model and dynamics of the active landslide- an example of the Jastrzębia Góra cliff (Northern Poland)

A2: Shallow landslides and rockfalls

5) Sanders, Diethard Gerald*; Preh, Alexander; Sausgruber, Thomas

Long-runout rock/snow flows: an underrated type of mountain hazard.

A2: Shallow landslides and rockfalls

6) Wijaya, I Putu Krishna; Zangerl, Christian*; Straka, Wolfgang
Geology and Geotechnical Aspect of Landslide in Geothermal Field, Study Case; Geothermal Area of Kamojang, Indonesia

A2: Shallow landslides and rockfalls *Student poster*

7) Kaitna, Roland*; Keuschnig, Markus; Fegerl, Ludwig; Hübl, Johannes

Event documentation of the debris flow event at Sattelkar, Obersulzbachtal, Sbg.

A3: Debris flows

8) Jia, Yan; Weginger, Stefan; Papi Isaba, Maria Del Puy*; Hausmann, Helmut; Horn, Nikolaus; Lenhardt, Wolfgang
Project of Near-Real-Time Generation of Shakemaps and a New Hazard Map in Austria

A5: Seismic hazards

9) Papi Isaba, María del Puy*; Jia, Yan; Weginger, Stephan
Intensity prediction equation and event epicenter determination for Austria

A5: Seismic hazards

10) Papi Isaba, Maria del Puy*; Weginger, Stefan; Jia, Yan; Lenhardt, Wolfgang

Austrian empirical seismic ground motion models and site effects

A5: Seismic hazards *Student poster*

11) Baumann, Karl-Heinz; Donner, Barbara*; Köbrich, Meral I.; Fischer, Gerhard

Calcareous plankton fluxes in the upwelling area off NW-Africa – dynamics and trends depicted from sediment traps of the past 20 years

B1: The marine world: biodiversity, stratigraphy and turnovers

12) Coric, Stjepan*; Rupp, Christian
Egerian calcareous nannofossils and foraminifers (paleoecology and biostratigraphy) from the North Alpine Foreland Basin of Upper Austria

B1: The marine world: biodiversity, stratigraphy and turnovers

13) Coric, Stjepan*; Rupp, Christian; Peresson, Mandana; Bieber, Gerhard; Römer, Axel; Gießwein, Sabine; Plank, Günter
Die Stratigraphie und Paläoökologie der Leithakalke im südlichen Wiener Becken aus der Bohrung Bruckneudorf EKB02

B1: The marine world: biodiversity, stratigraphy and turnovers

14) Đaković, Martin*; Krystyn, Leopold; Brandner, Rainer; Horacek, Micha

A Middle Triassic crinoid fauna from Sutorman, Budva Zone (southern Montenegro)

B1: The marine world: biodiversity, stratigraphy and turnovers

15) Hornung, Thomas*; Moosleitner, Gero; Wolf, Gerhard; van der Wielen, Joop

The Norian “fish shales” of the Wiestal („Seefeld-Formation”, Upper Triassic, Salzburg, Austria)

B1: The marine world: biodiversity, stratigraphy and turnovers

16) Forte, Giuseppa; Kustatscher, Evelyn*; Preto, Nereo; Roghi, Guido; Van Konijnenburg – van Cittert, Johanna H.A.; Kerp, Hans

Changes in floral composition and $\delta^{13}\text{C}$ in the Kungurian of Tregiovo (Cisuralian, Southern Alps)

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas

17) Krawielicki, Julia*; Magill, Clayton; Willett, Sean; Eglinton, Timothy

Exploring the Oligocene Paleoenvironment of Ethiopia

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas Student poster

18) Lichtenegger, Sophie; Hofmann, Christa-Ch.; Huet, Benjamin*

A new palynoflora from Austria: Preliminary results of pollen and spores from the clay pit at Schaßbach (Oberaigen), Lavanttal, Carinthia

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas

19) Scanu, Giovanni G.; Costamagna, Luca G.; Kustatscher, Evelyn*

Reconstruction of a terrestrial ecosystem from the Middle Jurassic of Sardinia

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas

20) Scholze, Frank*

New data on the conchostracan fauna of the continental Permian–Triassic transition in the eastern Dead Sea region of Jordan

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas

21) Zwahlen, Peter*

Würmeiszeit und die Rückzugsstadien im Alpenrheintal

B2: Terrestrial ecosystems: palaeoecology and evolution of land-based biotas

22) Wagneich, Michael*; Wolfgring Erik; Spötl Christoph:
Stratigraphic signals around the Santonian-Campanian boundary carbon isotope event

B3: Biotic and chemostratigraphic events in Earth history

23) Ebner, Daniel*; Georgiev, Neven; Mattei, Massimo; Spikings, Richard; Tropper, Peter; Fügenschuh, Bernhard; Pomella, Hannah

Tectonometamorphic evolution of the Tschigot Granodiorit (Texel Complex, Italy)

C1: The geology-petrology-geochronology connection: the P-T-t-d paths of metamorphic rocks Student poster

24) Fassmer, Kathrin*; Froitzheim, Nikolaus; Fonseca, Raúl; Münker, Carsten

First insights into the tectonometamorphic evolution of subducted continental crust – Lu-Hf geochronology of an eclogite sample in the Seve Nappe Complex in Northern Jämtland, Sweden

C1: The geology-petrology-geochronology connection: the P-T-t-d paths of metamorphic rocks Student poster

25) Miladinova, Irena*; Froitzheim, Nikolaus; Nagel, Thorsten; Janák, Marian; Münker, Carsten

New constraints for the kinematics of Eoalpine subduction zone from petrology and Lu-Hf garnet geochronology of eclogites

C1: The geology-petrology-geochronology connection: the P-T-t-d paths of metamorphic rocks

26) Rogowitz, Anna*; Huet, Benjamin; Schneider, David; Grasemann, Bernhard

High strain rate deformation in marbles – does it reset the K/Ar system?

C1: The geology-petrology-geochronology connection: the P-T-t-d paths of metamorphic rocks

27) Hollinetz, Marianne Sophie*; Leichmann, Jaromír; Koller, Friedrich; Abart, Rainer

Myrmekite formation in ultrapotassic Quartz-Monzonites

C2: Experimental and theoretical modelling of metamorphic processes

28) Joachim, Bastian*; Saßmann, Ann-Cathrine; Konzett, Jürgen; Tribus, Martina

Metamorphic reaction rims: A potential geo-fluidometer

C2: Experimental and theoretical modelling of metamorphic processes

29) Mair, Philipp; Tropper, Peter*

Quench pH modelling of F-Cl-apatite-KCl-H₂O solubility experiments at 800°C and 1 GPa

C2: Experimental and theoretical modelling of metamorphic processes *Student poster*

30) Griesmeier, Gerit E. U.*; Iglseder, Christoph; Schuster, Ralf; Petrakakis, Konstantin

The Freyenstein Subordinated Fault System – Shear zone and Fault development along the South Bohemian Batholith (Austria)

C3: Magmatic and metamorphic evolution of pre-Alpine basement units

31) Ilickovic, Tanja*; Schuster, Ralf; Mali, Heinrich; Petrakakis, Konstantin; Schedl, Albert; Horschinegg, Monika

Spodumene bearing pegmatites in the Austroalpine unit (Eastern Alps): New field observations and geochronological data

C3: Magmatic and metamorphic evolution of pre-Alpine basement units

32) Mandl, Magdalena*; Kurz, Walter; Hauzenberger, Christoph; Klötzli, Urs

U-Pb zircon ages of the Austroalpine Seckau Nappe basement (Eastern Alps): Hints for pre-Alpine magmatism

C3: Magmatic and metamorphic evolution of pre-Alpine basement units

33) Oehlke, Mathias*

Der Serpentin-Komplex beim Weiler Dun und sein tektonischer Rahmen (SW Tauernfenster, Pfundener Tal, Südtirol)

C4: Ophiolites in space and time

35) Quandt, Dennis*; Micheuz, Peter; Kurz, Walter; Krenn, Kurt

Fault and fluid systems subsequent to subduction initiation in supra-subduction zone ophiolites

C4: Ophiolites in space and time

36) Angerer, Thomas*; Gehring, Sebastian; Tropper, Peter; Tribus, Martina

In-situ minor and trace elements in sulphides of the Ötztal-Stubai units: first results from μ XRF and EPMA

C5: From ore to metal: mineralogy and petrology of ore deposits

37) Cina, Aleksander*; Cina, Lea

Siegenite from Albanian ophiolitic complex

C5: From ore to metal: mineralogy and petrology of ore deposits

38) Girtler, Daniela; Tropper, Peter*

Petrology and geothermobarometry of the Veitsch Mn-deposit (Styria, Austria)

C5: From ore to metal: mineralogy and petrology of ore deposits *Student poster*

39) Kropp, Nico*; Kamradt, Andreas

Ore microscopy and cathodoluminescence studies on sandstone-hosted Kupferschiefer-type ore from the Wolfsberg Mine dump, Richelsdorf Mountains

C5: From ore to metal: mineralogy and petrology of ore deposits *Student poster*

40) Müller, Nina-Luise*; Boschi, Peter; Boschi, Maximilian; Melcher, Frank; Rantitsch, Gerd; Tscharf, Alexander; Prochaska, Walter; Meisel, Thomas

The graphite mine of Zettlitz, Drosendorf (Bohemian Massif, Austria)

C5: From ore to metal: mineralogy and petrology of ore deposits

42) Neubauer, Franz*

How to correlate middle and lower crust of an inverted passive margin with detached sedimentary units in an orogen?

D1: From rift to drift

43) Nilius, Nils-Peter; Froitzheim, Nikolaus*; Nagel, Thorsten Joachim; Tomaschek, Frank; Heuser, Alexander

From Early Cambrian arc magmatism to Jurassic rifting: Tectonic evolution of the Lower Austroalpine Schwarzhorn Amphibolite (Eastern Rätikon, Austria)

D1: From rift to drift *Student poster*

44) Oyan, Vural*

Magmatic evolution of Mecitli granitoid in the north of Lake Van Basin, East Anatolia, Turkey

D1: From rift to drift

45) Ozdemir, Yavuz*; Oyan, Vural

Petrologic evolution of plateau volcanism in the north of Agri, NE Turkey

D1: From rift to drift

46) Real, Christophe*; Carosi, Rodolfo; Ferrando, Simona; Froitzheim, Nikolaus

The Dervio-Olgiasca Zone: a fossil fragment of Permian middle crust recording thermal and rifting events.

D1: From rift to drift *Student poster*

47) Friebel, Anna; Meyer, Nicolas*

Mapping and structural geological study of a meta gabbro nappe at Southern Sweden, Göteborg

D2: Accretionary vs. collisional orogens

48) Iglseder, Christoph*; Huet, Benjamin; Rantitsch, Gerd; Ratschbacher, Lothar; Pfänder, Jörg

Age and structure of the Stolzalpe nappe – Evidence for Variscan metamorphism, Eoalpine top-to-the-WNW thrusting and top-to-the-ESE normal faulting (Gurktal Alps, Austria)

D2: *Accretionary vs. collisional orogens*

49) Aichholzer, Paul; Lorenzi, Stefano*; Pomella, Hannah; Fügenschuh, Bernhard; Burger, Ulrich

The kink in the Periadriatic fault system SW of the Tauern Window

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

50) Bianchi, Irene; Bokelmann, Goetz; Chiarabba, Claudio; Piana Agostinetti, Nicola*; Miller, Meghan; O'Driscoll, Leland

Structure of the upper mantle beneath the Alps and Apennines as seen by Receiver Functions

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

51) Brandner, Rainer*; Krystyn, Leopold; Đaković, Martin; Horacek, Micha

Middle Triassic palaeotectonic and facial links between Budva Zone (Montenegro) and Southern Alps.

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

52) Di Rosa, Maria*; Marroni, Michele

The evolution of the European paleomargin during the closure of the Alpine Tethys: evidence from the Alpine Corsica

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

53) Groß, Philip*; Pleuger, Jan; Handy, Mark

A new, detailed tectonic map of subduction-exhumation structures in the central Tauern Window

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

54) Klotz, Thomas*; Pomella, Hannah; Burger, Ulrich; Fügenschuh, Bernhard; Zattin, Massimiliano; Massironi, Matteo

4D-modelling of fault kinematics along a Periadriatic Fault cross section deduced from (U-Th)/He and fission-track analyses

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

55) Mandl, Gerhard W.*; Brandner, Rainer; Gruber, Alfred

Proposal for a new subdivision of the Nappe Systems of the Northern Calcareous Alps (Eastern Alps, Austria).

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

56) Mulaj, Sali*; Kelmendi, Rrahim; Raci, Xhavit

Subdivision of Vardar zone in territory of Kosovo

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

57) Ortner, Hugo*; Bitterlich, Lukas

The Zugspitze cross section and the structure of the western Northern Calcareous Alps

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean*

58) Oswald, Patrick*; Sieberer, Anna-Katharina; Ortner, Hugo

Testing a buckle fold model in the thrust belt of the Western Northern Calcareous Alps

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

59) Papeschi, Samuele*; Mazzarini, Francesco; Musumeci, Giovanni

Structure of the Elba Island: constraints for the tectonic evolution of the Northern Tyrrhenian Sea.

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

60) Schmitz, Benjamin*; Biermanns, Peter; Ustaszewski, Kamil; Reicherter, Klaus

Neogene multidirectional extension in the Adria-Eurasia collision zone of northern Albania

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

61) Winterberg, Sascha O.*; Willett, Sean D.

Dynamic reorganisation of Alpine river catchments analysed with a χ -map

D3: *Structure, geodynamics, and evolution of the Alps and the Mediterranean Student poster*

62) Pomper, Johannes; Salcher, Bernhard*; Eichkitz, Christoph; Prasicek, Günther

The glacially overdeepened Salzach Valley: Constraints on its geometry and filling.

D4: *Tectonics, climate and erosion*

145) Salamon, Martin*; Klein, Winfried; Krickel, Bernd; Riecken, Jens

New data about the uplift of the Eifel-Mountains

D4: *Tectonics, climate and erosion*

146) Meszar, Maria Elisabeth*; Gier, Susanne; Palzer-Khomenko, Markus; Knierzinger, Wolfgang; Kallanxhi, Madalina-Elena; Wagneich, Michael

Clay mineralogy of Miocene mudstones of the Molasse Zone, Lower Austria

D5: *Orogenic sedimentary basins Student poster*

63) Piana Agostinetti, Nicola*; Decker, Kurt; Lenhardt, Wolfgang; Grasemann, Bernhard

Bayesian fusion of geophysical data-sets: how to integrate passive and active seismic, structural and borehole data for high-resolution modeling of the Vienna sedimentary basin

D5: Orogenic sedimentary basins

64) Sanders, Diethard Gerald*

Neotectonic deformation in Quaternary deposits near Innsbruck (Eastern Alps).

D5: Orogenic sedimentary basins

65) Szczepanski, Jacek*; Anczkiewicz, Robert; Buniak, Arkadiusz; Kedzior, Artur; Paszkowski, Mariusz; Porebski, Szczepan
Petrography and geochemistry of Early Paleozoic siliciclastics from SW margin of the East European Platform: implications for provenance and tectonic setting

D5: Orogenic sedimentary basins

66) Gehrmann, Anna; Hüneke, Heiko; Meschede, Martin*; Phillips, Emrys

Microstructural mapping at the glaciotectonic Wiso-Bach syncline (NE Rügen, Germany)

D6: Fabrics of geological bodies: Bruno Sanders legacy

68) Hentschel, Felix*; Trepmann, Claudia

Deformation behaviour of feldspar in greenschist facies granitoid mylonites from the Austroalpine basement to the south of the western Tauern window, Eastern Alps

D6: Fabrics of geological bodies: Bruno Sanders legacy

69) Kurzwaski, Robert Marek*; Behrmann, Jan Hinrich; Stipp, Michael; Motra, Hem

Crystals, grains or cracks? Causes for seismic anisotropy in rocks from the Eclogite Zone, Tauern Window, Austria

D6: Fabrics of geological bodies: Bruno Sanders legacy

70) Rogowitz, Anna*; Rice, A. Hugh N.; Grasemann, Bernhard; Morales, Luiz; Habler, Gerlinde

Microfabric development around garnet inclusions in quartzite

D6: Fabrics of geological bodies: Bruno Sanders legacy

71) Seybold, Lina*; Trepmann, Claudia

The lowermost tectonic units of the Cretan nappe pile in the Talea Ori, Crete, Greece - mesoscopic and microscopic deformation record of the HP-LT metamorphic rocks

D6: Fabrics of geological bodies: Bruno Sanders legacy

72) Trepmann, Claudia A.*; Hsu, Chen; Hentschel, Felix
Recrystallization of quartz after high-stress crystal plasticity in natural shear zones

D6: Fabrics of geological bodies: Bruno Sanders legacy

73) Krippner, Anne; Meinhold, Guido*; Morton, Andrew C.; von Eynatten, Hilmar

Heavy mineral analysis and garnet geochemistry of modern stream sediments from the western Hohe Tauern (Austria)

E1: Sedimentation and tectonism: from sand grains to mountain building

74) Löwen, Kersten*; Meinhold, Guido; Güngör, Talip
Evolution of the Palaeotethys in the Eastern Mediterranean: A multi-method provenance study of Late Palaeozoic sediments from the Karaburun Peninsula and the Konya Complex (Turkey)

E1: Sedimentation and tectonism: from sand grains to mountain building

75) Pozsgai, Emília; Józsa, Sándor; Dunkl, István*; Sebe, Krisztina; Thamó-Bozsó, Edit; Sajó, István; József, Dezső; von Eynatten, Hilmar

Provenance of the Upper Triassic siliciclastic assemblages of the Mecsek Mountains and Villány Hills (Tisza Megaunit, Pannonian Basin): constraints to the Early Mesozoic paleogeography of Tisza

E1: Sedimentation and tectonism: from sand grains to mountain building

77) Rittner, Martin*; Vermeesch, Pieter

Combining automated mineralogy and geochronology

E1: Sedimentation and tectonism: from sand grains to mountain building

78) Arp, Gernot*; Gropengießer, Sebastian

Die Monotis-Dactyloceras-Bank in der Posidonienschiefer-Formation (Toarcium, Süddeutschland): Kondensationshorizont, Tempestit oder Tsunami-Ablagerung?

E2: Sedimentary records of events and environments

80) Hauke, Thöle; Heimhofer, Ulrich*; Jochen, Erbacher; André, Bornemann; Friedrich Wilhelm, Luppold

Sequence stratigraphy and facies variability of the mudstone-dominated Lower Cretaceous succession in the eastern Lower Saxony Basin, Germany

E2: Sedimentary records of events and environments

81) Zeng, Lingqi*; Yi, Haisheng; Xia, Guoqing

Europium, Cerium anomalies and environmental change from the Triassic-Jurassic boundary in south Qiangtang depression, Northern Tibet

E2: Sedimentary records of events and environments *Student poster*

82) Bąk, Marta; Szczurek, Stanisław*; Chodacka, Sylwia; Kurowska, Natalia; Górny, Zbigniew; Okoński, Szymon; Dulemba, Paweł

Radiolarian, belemnites, rynchonellites and aptychi from the Czajakowa Radiolarite Formation in the stratotype section, Pieniny Klippen Belt, Poland

E4: Young Sedimentologists *Student poster*

83) Linsel, Adrian*; Hornung, Jens; Bär, Kristian; Hinderer, Matthias

The influence of the post-Variscan non-conformity on posthiatal lithofacies architecture and petrophysical properties of basement and sedimentary cover, Sp-rendlinger Horst, Germany.

E4: Young Sedimentologists

84) Mehlhorn, Paul*; Winkler, Laura; Hüneke, Heiko; Rother, Henrik

Macro- and micro-structural analysis of Pleistocene sediments from the Jasmund glacial thrust- and fold-complex (Streifen 4, Rügen, Germany)

E4: Young Sedimentologists *Student poster*

85) Müller, Katharina; Cors, Jean; Huck, Stefan; Barroso-Barcenilla, Fernando; Segura, Manuel; Heimhofer, Ulrich*

Investigating the spatial variability in carbon-isotope signatures of bulk rock carbonates – a chemostratigraphic case study from the Cenomanian-Turonian of the Iberian Trough, Spain

E4: Young Sedimentologists *Student poster*

86) Pohl, Florian*; Eggenhuisen, Joris; de Leeuw, Jan; Sytkens, Guus; Cartigny, Matthieu; Hermidas, Navid; Tóth, Ferenc

Depositional Pattern associated with Experimental Turbidity Currents going through a Break-of-Slope

E4: Young Sedimentologists

87) Reichenbach, Mario*

Der äußere Schelf des Helvetikums östlich der Bregenzer Ach: Rekonstruktion der Ablagerungsbedingungen der Mittagsspitzen-Formation (Barremium-Aptium) in Vorarlberg (Österreich)

E4: Young Sedimentologists *Student poster*

88) Szczurek, Stanisław*; Bąk, Marta

Visenian foraminiferal assemblage from the eastern part of the Upper Silesian Block (Southern Poland) - preliminary results

E4: Young Sedimentologists *Student poster*

89) Woźniak, Tomasz*

Saccocoma microfacies from the Upper Jurassic carbonate gravity flow deposits: example from the Nawojowa Góra Quarry, Krzeszowice Graben (Southern Poland).

E4: Young Sedimentologists

90) Zeng, Lingqi*; Yi, Haisheng; Simon, Klaus; Thiel, Volker; Arp, Gernot

Lacustrine stromatolites from the Miocene Wudaoliang Group (Tibetan Plateau, PR China)

E4: Young Sedimentologists

91) Offhaus, Hans Eckhard*

Über das stratigraphische Grundgesetz von Steno und das natürlich geschlossene System in der Geologie

F1: Putting numbers to geology / Quantifizierung in der Geologie

92) Lechner, Heidrun; Preh, Alexander; Strauss, Alfred; Zangerl, Christian*

The impact of reservoir impounding on the stability evolution of deep-seated rock slides: a discrete element modelling approach

F3: Stability of natural and artificial slopes / Stabilität von nat. u. künstl. Böschungen u. Hängen *Student poster*

93) Schweigl, Theresa*; Nickmann, Marion; Thuro, Kuroschi

Ingenieurgeologische Analyse einer Felsgleitung im Steinbruch Frauenmühle bei Metten (Niederbayern)

F3: Stability of natural and artificial slopes / Stabilität von nat. u. künstl. Böschungen u. Hängen

94) Wijaya, I Putu Krishna; Straka, Wolfgang; Zangerl, Christian*

Geological and geotechnical aspects of landslides in a geothermal field (Kamojang, Indonesia)

F3: Stability of natural and artificial slopes / Stabilität von nat. u. künstl. Böschungen u. Hängen

95) Mraz, Elena*; Thuro, Kuroschi; Moeck, Inga

Die Verteilung erhöhter permeabler Bereiche im Malm des Bayerischen Molassebeckens

F4: Engineering geology - open topic / Ingenieurgeologie - Freie Themen

96) Amtmann, Johannes*; Eichkitz, Christoph

Einsatz von Clusteringalgorithmen zur Interpretation von 3D seismischen Daten

G: Geophysics

97) Diethart, Elisabeth*; Gegenhuber, Nina

Shear weakening for different lithologies observed at different saturation stages

G: Geophysics

98) Diethart, Elisabeth*; Gegenhuber, Nina

The influence of length for the optimal signal to determine the shear wave velocity

G: Geophysics

99) Eichkitz, Christoph Georg; Amtmann, Johannes*; Schneider, Sarah

Textural attributes for the description of the naturally fractured Tensleep formation, Teapot Dome, Wyoming

G: Geophysics

100) Hofer, Denise*

Influence of depth and clay content for two boreholes from the Vienna Basin; Focusing on the Rock Physics Template

G: Geophysics *Student poster*

101) Hofer, Denise*; Amtmann, Johannes; Gegenhuber, Nina

Construction of typical facies models and the three-dimensional distribution of their petrophysical parameters - A Foundation for understanding 3D seismic facies

G: Geophysics *Student poster*

102) Joldic, Amra*; Gegenhuber, Nina

Effects of core cleaning on various properties

G: Geophysics

103) Morawetz, Rainer*; Grill, Alexander; Jud, Markus;

Amtmann, Johannes

Vergleich und Beurteilung verschiedener geophysikalischer Verfahren zur Erkundung von Lockersedimenten

G: Geophysics

104) Peters, Katrin*; Sladky, Thomas; Bleibinhaus, Florian

Cavity Detection with full-waveform Inversion at Mount Erzberg, Austria

G: Geophysics

105) Ruppel, Antonia Stefanie*; Läufer, Andreas; Crispini, Laura; Lisker, Frank

Aerogeophysical high-resolution survey over the Lanterman Range: implications for Ross- and post-Ross geodynamics

G: Geophysics *Student poster*

106) Tauchner, Cornelia*; Fontanini, Francesco; Bleibinhaus, Florian

Improving MCMC performance with deterministic constraints

G: Geophysics *Student poster*

107) Zeiß, Jens*; Paschke, Marco; Bleibinhaus, Florian

Visco-elastic full waveform inversion of controlled-source seismic data from the San Andreas Fault Observatory at Depth

G: Geophysics

108) Haßler, Kathrin; Nickl, Anna-Leah; Kölling, Martin; Moosdorf, Nils*

Estimating the provenance of fresh submarine groundwater discharge in French Polynesia: A combination of geochemical methods and GIS

H: Hydrogeology and Environmental Geology

109) Hilberg, Sylke*; Strick, Daniela

Thermalwasserregime Klammkalk zwischen Taxenbach und der Liechtensteinklamm

H: Hydrogeology and Environmental Geology

110) Hobiger, Gerhard*

Kohlendioxid in Wasser mit Alkalinität

H: Hydrogeology and Environmental Geology

111) Humer, Franko*; Briemann, Heike; Wemhoener, Uta; Philippitsch, Rudolf

Grundwasseralter - Mittlere Verweilzeiten in ausgewählten Grundwasserkörpern

H: Hydrogeology and Environmental Geology

112) Humer, Franko*; Stadler, Elisabeth

Karstdoku: Literaturdatenbank der karsthydrologischen Untersuchungen in Österreich

H: Hydrogeology and Environmental Geology

113) Slawitsch, Veronika*; Birk, Steffen; Herndl, Markus

Quantifizierung des Klimawandeleinflusses auf den Bodenwasserhaushalt an alpinen Grünlandflächen

H: Hydrogeology and Environmental Geology *Student poster*

114) Zankl, Heinrich*; Kus, Günter; Kassebaum, Christian

Grundwassererkundung in den Nördlichen Kalkalpen Bayerns im Hauptdolomit der Obertrias

H: Hydrogeology and Environmental Geology

115) Amato, Gabriele*; Fubelli, Giandomenico; Iasio, Christian
“Multidisciplinary approach to evaluate connection between permafrost degradation and Deep Seated Gravitational Slide Deformation activity: a case study from Schnalstal, South Tyrolean Alps, Italy”

L: Geo-environmental monitoring using remote- and close-range-sensing techniques

116) Buyer, Andreas Anjan*; Schubert, Wulf
Long-term Monitoring of Displacements by Digital Image Analysis

L: Geo-environmental monitoring using remote- and close-range-sensing techniques *Student poster*

118) Darvishi, Mehdi*; Schlögel, Romy; Thiebes, Benni; Bruzzone, Lorenzo; Mulas, Marco; Corsini, Alessandro; Mair, Volkmar
Landslide displacement monitoring by multiple-aperture interferometry: a case study in the Italian Dolomites

L: Geo-environmental monitoring using remote- and close-range-sensing techniques

119) Forster, Thilo*; Rutzinger, Martin; Fey, Christine; Zangerl, Christian

Seasonal Change Detection of the Steinlehen landslide by multi-temporal long-range terrestrial laser scanning (Tyrol, Austria)

L: Geo-environmental monitoring using remote- and close-range-sensing techniques

120) Knaak, Mathias*

Implementation of terrestrial laser scanning as a supplementary tool in 3D geological mapping at the State Geological Survey in North Rhine-Westphalia, Germany

L: Geo-environmental monitoring using remote- and close-range-sensing techniques

121) Prager, Christoph*; Fey, Christine; Perzlmaier, Sebastian; Strauhel, Thomas; Wichmann, Volker

Discontinuity analyses using methodically different in-situ and remote sensing measurements (Simmering/Haiming case study, Tyrol)

L: Geo-environmental monitoring using remote- and close-range-sensing techniques

122) Bertermann, David; di Sipio, Eloisa; Bernardi, Adriana; de Carli, Michele; Bernini, Michele; Pockeleé, Luc; Psyk, Mario; Verduyssen, Jacques; Müller, Johannes*

EU-project “Cheap-GSHPs”– Reduced installation costs for geothermal heating by using new developed heat baskets and drilling techniques

K: GeoEnergy: Geothermal systems, heat- and gasstorage *Student poster*

123) Rupprecht, Doris*; Bauer, Helene; Decker, Kurt

The role of fault zones in calcareous rocks and the change in reservoir properties from outcrop to depth

K: GeoEnergy: Geothermal systems, heat- and gasstorage *Student poster*

124) Brandstaetter, Jennifer*; Kurz, Walter

Microstructural observations on hydrothermal veins of Site U1414, IODP Expedition 344 (CRISP 2)

L: Advances in scientific drilling

125) Grunert, Patrick*; Balestra, Barbara; Flores, José-Abel; Auer, Gerald; Richter, Carl; García Gallardo, Ángela; Röhl, Ulla; Piller, Werner E.

Mediterranean Outflow Water at the Pliocene/Pleistocene transition: New stratigraphic constraints from IODP Site U1389 (Gulf of Cadiz, IODP Expedition 339)

L: Advances in scientific drilling

126) Harms, Ulrich*; Schwalb, Antje; Wittig, Volker

HiPerCoRig: A Direct Push Coring Tool for extended reach in unconsolidated on- and offshore formations and its availability

L: Advances in scientific drilling

127) Rüggeberg, Andres; Flögel, Sascha; Dullo, Wolf-Christian F A*; Raddatz, Jacek; Liebetrau, Volker

Pleistocene seawater density reconstruction in the northeast Atlantic and its implication for cold-water coral carbonate mounds

L: Advances in scientific drilling

128) Engelbrecht, Hubert*

Considerations on the age of the Verrucano Group of Southern Tuscany, Italy

N: Open Session

129) Haider, Vicky*; Hörfarer, Christine; Schiegl, Martin

GBA Thesaurus – more than a controlled vocabulary for GBA associates

N: Open Session

130) Heinrich, Maria*; Reitner, Heinz; Wimmer-Frey, Ingeborg; Rabeder, Julia

Eine geologische Reise durch die österreichischen Weinbauggebiete

N: Open Session

131) Hörfarer, Christine*; Haider, Vicky; Schiegl, Martin; Gruber, Alfred

The DataViewer module – a new perspective on spatial data (illustrated by map sheet 88 Achenkirch)

N: Open Session

132) Hornung, Thomas*; Teipel, Ulrich; Haas, Ulrich

Neue Ergebnisse zur Geologie und Tektonik des Wettersteinmassivs (Neukartierung der Kartenblätter der Geologischen Karte von Bayern 1:25.000, 8531/8631 Zugspitze & 8532/8632 Garmisch-Partenkirchen)

N: Open Session

133) Hornung, Thomas*; Teipel, Ulrich; Schwerd, Klaus

Neue Ergebnisse zur Geologie der Allgäuer Alpen (Neukartierung der Kartenblätter der Geologischen Karte von Bayern 1:25.000, 8627 Einödsbach und 8727 Biberkopf)

N: Open Session

134) Kneucker, Tilo*; Jahn, Steffen; Hammer, Jörg; Zulauf, Gernold
Structure and composition of a fault zone in clay rocks: Constraints from microstructural and geochemical investigations of core samples (Mont Terri, Switzerland)

N: Open Session

135) Krenmayr, Hans Georg*

Inhalte und Layout der neuen „Geologische(n) Karte der Republik Österreich 1:25.000“ im UTM-System: Feedback erwünscht!

N: Open Session

136) Menning, Manfred*

The Stratigraphic Table of Germany revisited: 2016

N: Open Session

137) Neumair, Andreas*; Waitzinger, Michael; Finger, Fritz
Interesting glass coatings on cobbles and rock fragments from the Alpine Foreland, SE-Bavaria, Germany, and their possible origin

N: Open Session Student poster

138) Obojes, Ulrich*; Mair, Volkmar; Gärber, Martha; Moser, Gerold; Domanegg, Paul

Zukunftsweisendes Mineralrohstoffkonzept für Südtirol

N: Open Session

141) Pauritsch, Marcus*; Wagner, Thomas; Mayaud, Cyril; Kellerer-Pirklbauer, Andreas; Thalheim, Felix; Birk, Steffen; Winkler, Gerfried

Cooling effect of the coarse, blocky top layer at two differently oriented relict rock glaciers, Austrian Alps

N: Open Session

142) Raschke, Ulli*

The 2016 expedition to the Beenchime-Salaatin crater structure, Russia.

N: Open Session *Student poster*

143) Schiele, Simone*; Kamradt, Andreas; Gossel, Wolfgang
Characterization of organic compounds in Kupferschiefer-type black shales from the former Mansfeld-Sangerhausen mining district; central Germany

N: Open Session

144) Schuster, Ralf*; Ottens, Berthold; Krenn, Kurt; Hauzenberger, Christoph; Pfänder, Jörg; Wimmer-Frey, Inge

Dating apophyllite from the Deccan Volcanic Province (India)

N: Open Session