

- Bieryt, K., Pan, Y., Konietzky, H., Wang, F. (2026): **Reusing depleted oil and gas wells for geothermal energy: feasibility, challenges, and a decision-making framework for sustainable conversion**, Deep Underground Science and Engineering, 2026: 1-25, DOI: 10.1002/dug2.70123
- Pan, Y., Konietzky, H., Tao, K. (2026): **Numerical assessment of bio-grouting strategies for tailings dams considering treatment-induced heterogeneity**, Geotech. Geol. Eng., 44:351, DOI: 10.1007/s10706-026-03854-8
- Feng, X., Konietzky, H., Carvelli, V., Lin, G., Li, Z., Zhang, Q., He, M. (2026): **Volcanic-glacier deluge predicted with laser irradiation on icy rock**, Journal of Rock Mechanics and Geotechnical Engineering, DOI: 10.1016/j.jrmge.2026.05.035
- Xu, Z., Liu, Q., Lv, B., Nie, X., Konietzky, H., Lee, K.S., Cheng, Y. (2026): **Analysis of error sources and impacts in determining the free space of sample vessels in isothermal adsorption experiments**, Measurement Science and Technology, 37: 025004, DOI: 10.1021/acs.langmuir.6c03432
- Tan, X., Xu, X., Hu, Y., Yin, X. Konietzky, H. (2026): **Macroscopic and microscopic tensile strength correlations in rock-like materials based on circular particle-based discrete element models**, Computer and Geotechnics, 199: 108408, DOI: 10.1016/j.compgeo.2026.108408
- Meng, D., Wang, F., Konietzky, H., He, B., Chen, L. (2026): **Microscopic analysis of the thermo-mechanical coupled effects on wellbore stability using hybrid DEM-FDM approach**, Computer and Geotechnics, 199: 108412, DOI: 10.1016/j.compgeo.2026.108412
- Kolditz, O., Konietzky, H. et al. (2026): **Digital Twins of Geosystems**, Environmental, Geological and Geotechnical Engineering, DOI: 10.1016/j.egge.2026.100001
- Pan, L., Liu, X., Li, Y., Chen, Y., liao, N., Hu, Y., Konietzky, H. (2026): **Thermo-mechanical modeling for enhanced thermal shock resistance in alumina-spinel castables**, Journal of the American Ceramic Society, 109:e70912, DOI: 10.1111/jace.70912
- Pan, Y., Konietzky, H., Zhang, Z., Tao, K., Gui, R. (2026): **Experimental study on bio-grouting in metal tailings: injectability, diffusion heterogeneity and strength-porosity relationship**, Geoenvironmental Disasters, 13:35, DOI: 10.1186/s40677-026-00383-7
- Zhang, C., Wang, J., Song, W., Fu, J., Konietzky, H. (2026): **The behavior of cement past backfill under low curing temperature**, Construction and Building Materials, 530: 146536, DOI: 10.1016/j.conbuildmat.2026.146536
- Friedel, M., Dong, Y., Konietzky, H., Morgenstern, A., Wilsnack, T. (2026): **A novel approach to measure direct tensile strength on short-length cylindrical samples**, GeoEnergy Communications, 2:8, DOI: 10.1007/s44421-026-00019-4
- An, H., Li, G., Liu, H., Konietzky, H., Han, H. (2026): **Analyzing toppling failure in anti-dip rock slopes using GPGPU-parallized hybrid finite-discrete element method**, Bulletin of Engineering Geology and the Environment, 85:267, DOI: 10.1007/s10064-026-04933-z
- Wang, F., Meng, D., Konietzky, H., Gerolymatou, E., Glover, P.W.J., He, B.G. (2026): **A discrete element approach for simulating progressive fracturing in geothermal reservoirs via a new cohesive crack model**, Computers and Geotechnics, 192: 107908, DOI: 10.1016/j.compgeo.2026.107908
- Pan, Y., Tao, K., konietzky, H., Zhang, Z., Gui, R. (2026): **Mechanical properties and cementation components of particulate tailings after bio-grouting: Insight on calcium carbonate and organic matter content**, Powder Technology, 471: 122048, DOI: 10.1016/j.powtec.2025.122048
- Li, D., Liu, Q., Konietzky, H., Lee, K.S., Han, P., Lv, B. (2026): **A permeability determination method for irregular rocks based on numerical Transient Pressure Pulse Decay (TPPD) testing**, Int. J. Rock Mechanics and Mining Sciences, 198: 106390, DOI: 10.1016/j.ijrmms.2025.106390

- Tao, K., Konietzky, H., Gao, F., Wu, R., Dang, W., Li, C., Liu, Y. (2025): **Stick-slip friction and surface contact density of bare granite joint affected by cyclic normal stress**, Rock Mechanics Rock Engineering, DOI: 10.1007/s00603-025-05121-3
- Perez-Rey, I., Muniz-Menendez, M., Fruehwirt, T., Konietzky, H., Jacobsson, L., Perras, M.A., Atefi-Monfared, K., Ivars, D.M., Juncal, A.S., Alejano, L.R. (2025): **ISRM suggested method for determining the tensile strength and elastic constants of rocks by the direct tension test**, Rock Mechanics Rock Engineering, DOI: 10.1007/s00603-025-05038-x
- Liao, J., Jiang, Z., Ouyang, Y., Konietzky, H., Yang, X., Liu, Y., Liu, H., Tian, X. (2025): **Numerical investigation on thermodynamic features and exergy efficiency of man-made caverns for CAES**, Thermal Science and Engineering Progress, 68: 104305, DOI: 10.1016/j.tsep.2025.104305
- Xing, C., Zhang, M., Tiedtke, F., Konietzky, H., Liu, Q., Wang, F. (2025): **How different parameters influence the efficiency of heat extraction using deep petrothermal multi-frac systems for central heating purposes**, GeoEnergy Communications, 1:8, DOI: 10.1007/s44421-026-00020-x
- He, Q., Konietzky, H. (2025): **Review of nano- and micro-indentation tests for rocks**, Geosciences, 15: 389, DOI: 10.3390/geosciences15100389
- Konietzky, H. (2025): **Bridging innovation and sustainability in subsurface utilization**, GeoEnergy Communications, 1:2, DOI: 10.1007/s44421-025-00007-0
- Maina, D., Konietzky, H. (2025): **The effect of the intermediate principal stress on pillar strength**, Int. J. of Coal Science & Technology, 12:8, DOI: 10.1007/s40789-025-00747-8
- Huang, T., Friedel, M., Konietzky, H., Fruehwirt, T. (2025): **Cyclic shear test device for rock: an add-on for a uniaxial compression test rig**, GeoEnergy Communications, 1:4 DOI: 10.1007/s44421-025-00003-4
- Liao, J., Jiang, Z., Konietzky, H., Huang, X., Tian, X. (2025): **A modified model considering air mixed convection for analyzing the thermodynamic and heat transfer processes in CAES caverns**, Journal of Energy Storage, 136: 118428, DOI: 10.1016/j.est.2025.118428
- Tao, K., Dang, W., Konietzky, H., Pan, Y., Liu, Y. (2025): **Frictional sliding behavior of rock joints under cyclic normal stress: Insight from spring-block model coupled with rate and state friction framework**, Tribology International, 214: 111163, DOI: 10.1016/j.triboint.2025.111163
- Weber, F., Konietzky, H. (2025): **Concept to proof long-term safety of abandoned salt mines by hydro-mechanical coupled simulations with FLAC3D and Ansys Fluent**, Deep Resources Engineering, doi.org/10.1016/j.deepre.2025.100201 DOI: 10.1016/j.deepre.2025.100201
- Zhang, M., Konietzky, H., Song, Z. (2025): **Evolution of force network, contact network, and tensile force chains in rock-like bonded granular materials under unconfined and confined compression: A DEM study**, Environmental Earth Sciences, 84: 320, DOI: 10.1007/s12665-025-12288-z
- Tao, K., Dang, W., Konietzky, H., Liu, Y., Zhang, W., Li, X. (2025): **Velocity effects on slip evolution of faults subjected to constant and cyclic normal stress derived from laboratory tests**, Rock Mechanics Bulletin, 4: 100190, DOI: 10.1016/j.rockmb.2025.100190
- Heng, Z., Xu, T., Konietzky, H., Zhu, W., Ranjith, P.G. (2025): **New insights into the continuous-discontinuous failure characteristics of granite under Brazilian splitting test conditions using acousto-optic-mechanical (AOM) method**, IJRMMSci., 187: 106041, DOI: 10.1016/j.ijrmms.2025.106041
- Dai, Y., Zhang, J., Wu, H., Storti, E., Hubalkova, J., Bai, Q., Konietzky, H., Aneziris, C.G. (2025): **Thermo-mechanical damage of Al_2O_3 -C reticulated porous ceramic and effect of functional coatings**, J. European Ceramic Society, 45: 117174, DOI: 10.1016/j.jeurceramsoc.2024.117174

•	Maina, D., Morgenstern, R., Weber, F., Tiedtke, F., Konietzky, H. (2025): How important is the intermediate principle stress component for underground rock engineering? , GeoEnergy Communications, 6(1), DOI: 10.1007/s44421-025-00001-6
2024	
•	Tiedtke, F., Konietzky, H., Friedel, M. (2024): Temperature-dependent behavior of ice-filled rock joints – Laboratory study strength and deformation of ice-filled rock joints , Proceedings 53. Geomechanics Colloquium, TU Bergakademie Freiberg, 213-228
•	Vargas, R.P.L., Hassanzadegan, A., Rahmig, M., Konietzky, H., Weber, F., Freidel, M. (2024): Implementation and test of an extended Hoek-Brown anisotropic constitutive model for fractured crystalline rock , Proceedings 53. Geomechanics Colloquium, TU Bergakademie Freiberg, 117-134, DOI: 10.5194/sand-2-119-2023
•	Liu, D., Liu, Q., Konietzky, H. (2024): A novel method for rock permeability determination based on numerical optimization of inverse problems , Proceedings 53. Geomechanics Colloquium, TU Bergakademie Freiberg, 19-45, DOI: 10.1007/s00603-024-04095-y
•	Konietzky, H. (2024): EUROCODE-7 Scand Generation: Implications for underground rock engineering , Proceedings 53. Geomechanics Colloquium, TU Bergakademie Freiberg, 149-156
•	Maina, D., Konietzky, H. (2024): Factor of safety analysis for mine pillar considering the influence of the intermediate principal stress component , Green and Smart Mining Engineering, 1: 241-248, DOI: 10.1016/j.gsme.2024.07.001
•	Finenko, M., Konietzky, H. (2024): Numerical simulation of turbulent fluid flow in rough rock fractures: 3D case , Rock Mech. Rock Eng., 57: 2297-2323, DOI: 10.1007/s00603-023-03634-3
•	Bai, Q., Zhang, C., Konietzky, H. (2024): Effects of particle shape on mechanical responses of rock materials using bonded-particle model , Computers and Geotechnics, 176: 106754, DOI: 10.1016/j.compgeo.2024.106754
•	Zhang, G., Konietzky, H., Fruehwirt, T. (2024): Experimental investigation of abrasive potential and drilling efficiency at elevated temperatures via Cerchar rock scratching , Geomech. Geophys. Geo-energ. Geo-ressour., 10:120, DOI: 10.1007/s40948-024-00831-4
•	Bai, Q., Friedel, M., Konietzky, H. (2024): Experimental investigation of stress unloading effects on rock damage and confining pressure-dependent crack initiation stress of porous sandstone under true triaxial stress environments , Rock Mechanics Bulletin, 3: 100111, DOI: 10.1016/j.rockmb.2024.100111
•	De Silva, V.R.S., Konietzky, H., Ranjith, P.G., Manatungs, U.I. (2024): Strain energy dependend numerical simulation of rock fracture initiation and propagation using soundless cracking demolition agents (SCDA): Effects of SCDA-filled rock joints , Int. J. Rock Mech. Min. Sci., 177: 105740, DOI: 10.1016/j.ijrmms.2024.105740
•	Wang, F., Pang, R., Konietzky, H., Hu, K., He, B.-G., Meng, D.H., Ismael, M. (2024): Temperature driven real-time weakening and strengthening mechanisms of unconfined granite , Geothermics, 199: 102973, DOI: 10.1016/j.geothermics.2024.102973
•	Tiedtke, F., Konietzky, H., Magri, F. (2024): A novel DFN-DEM approach to simulate long-term behavior of crystalline rock under effects of glacial climate conditions , Deep Resources Engineering, 1: 100002, DOI: 10.1016/j.deepr.2024.100002
•	Perez-Rey, I., Muniz-Menendez, M., Fruehwirt, T., Konietzky, H., Jacobsson, L., Perras, M.A., Atefi-Monfared, K., Mas Ivars, D., Juncal, A.S., Alejano, L.R., (2024): Assessment of direct tensile strength tests in rock through a multi-laboratory benchmark experiment , Rock Mech. Rock Eng., DOI: 10.1007/s00603-023-03751-z
•	Wan, F., Jiang, J., Tian, X., Konietzky, H., Xiao, Z. (2024): A thermo-hydro-mechanical damage model for lined rock cavern for compressed air energy storage , Journal of Energy Storage, 78: 110186, DOI: 10.1016/j.est.2023.110186

• Schmidt, F., Menendez, J., Konietzky, H., Jiang, Z., Fernandez-Oro, J., Alvarez, L., Bernardo-Sanchez, A. (2024): Technical feasibility of lined mining tunnels in closed coal mines as underground reservoirs of compressed air energy storage systems, Journal of Energy Storage, 78: 110055, DOI: DOI: 10.1016/j.est.2023.110055
2023
• Friedel, M., Weber F., Konietzky, H., Leon Vargas, P.R., Hassanzadegan, A., Rahmig, M. (2023): BARIK: laboratory programme within the framework of the development of an extended Heok-Brown-based anisotropic constitutive model for fractured crystalline rock, Saf. Nucl. Waste Disposal, 2: 63-63, DOI: 10.5194/sand-2-63-2023
• Kahnt, R., Konietzky, H. (2023): Verfüllung und Verschluss von geologischen Endlagern: Bewertung des aktuellen Kenntnisstandes zur Verfüll- und Verschlussmaterialien sowie Konzepten, FKZ: 4720F10301, BASE
• Yang, D., Konietzky, H., Fan, Z., Zhou, C., Li, M. (2023): Understanding institutional and policy challenges in China's coal transition: Insights from the case of Chongqing, Eco Cities, 4(1): 1-17, DOI: 10.54517/ec.v4i2.2329
• Finenko, M., Konietzky, H. (2023): Numerical simulation of turbulent fluid flow in rough rock fractures: 2D case, Rock Mech. Rock Eng., 57: 1-29, DOI: 10.1007/s00603-023-03551-5
• Morgenstern, R., Konietzky, H., Görz, I. (2023): Forschungsprojekt Gebirgsstabilität (GeoStab): Geogefahren unter regionalen Aspekten: Methodik zur integralen Bewertung der Gebirgsstabilität zur Ableitung von Geogefahren unter regionalgeologischen Aspekten, LfLUG Sachsen, Heft 10/2023
• Dai, Y., Zhu, H., Zu, Q., Wang, F. Liao, N., Li, Y., Konietzky, H., Aneziris, C. (2023): Impact of fast heating and cooling on the mechanical behaviour of alumina-magneis refractory castables, Ceramics international, doi.org/10.1016/j.ceramint.2023.08.334 DOI: 10.1016/j.ceramint.2023.08.334
• Wang, F., Konietzky, H., Pang, R., Zou, Y., Pang, B., Ismael, M. (2023): Grain-Based Discrete Element Modeling of Thermo-Mechanical Response of Granite under Temperature, Rock Mech. Rock Eng., 56: 5009 – 5027, DOI: 10.1007/s00603-023-03316-0
• Bai, Q., Konietzky, H. (2023): A weakening-healing law to simulate strick-slip behavior or rock joint and the associated seismicity, IOP Conf. Series: Earth and Environmental Sciences, 1124: 012059, DOI: 10.1088/1755-1315/1124/1/012059
• Zhou, G., Liu, J., Xu, T., Konietzky, H., Zang, C., Zhang, G., Chen, M. (2023): A 2D/3D implicit gradient-enhanced nonlocal meso-scale damage model for deformation and fracturing of brittle materials, Engineering Analysis with Boundary Elements, 150: 298-308, DOI: 10.1016/j.enganabound.2023.02.006
• De Silva, V.R.S., Konietzky, H., Maerten, H., Ranjith, P.G., Lei, Z., Xu. T. (2023): Grain-scale numerical simulation of crystalline rock fracturing using Soundless Cracking Demolition Agents for in-situ preconditioning, Computers and Geotechnics, 155: 105187, DOI: 10.1016/j.compgeo.2022.105187
• Zhang, M., Konietzky, H., Herbst, M. (2023): Visco-elastic constitutive law to simulate large creep deformations using particle based simulation approach, IOP Conf. Series: Earth and Environmental Sciences, 1124: 012114, DOI: 10.1088/1755-1315/1124/1/012114
• Zhang, M., Konietzky, H. (2023): The exploration of force chains in bonded granular materials: A numerical study, IOP Conf. Series: Earth and Environmental Sciences, 1124: 012088, DOI: 10.1088/1755-1315/1124/1/012088
• Song, Z., Konietzky, H., Wu, Y, Cai, X. (2023): Mechanical and microsesimic charachteristics of sandstone subjected to moderate low-frequency differential cyclic loading (DCL) followed by monotonic loading up to failure, Acta Geotechnica, 18: 187-215, DOI: 10.1007/s11440-022-01570-0
• Wang, P., Yin, T., Li, X., Konietzky, H. (2023): Quasi-Static and Dynamic Tensile Behavior of Water-Bearing Sandstone Subjected to Microwave Irradiation. Mathematics, 11 (1), 203, DOI: 10.3390/math11010203

2022

- Bai, Q., Zhang, C., Konietzky, H., Young, R.P. (2022): **Simulation of seismic velocity changes in brittle rocks subjected to triaxial stresses using 3-D microstructural models**. Geophysical Journal International, 231(1): 552–566, DOI: 10.1093/gji/ggac203
- Bai, Q., Konietzky, H., Dang, W. (2022): **Microscopic Modeling of Frictional Response of Smooth Joint Under Normal Cyclic Loading**. Rock Mech Rock Eng, 55: 169-186, DOI: 10.1007/s00603-021-02652-3
- Sun, H., Ma, L., Konietzky, H., Yuanyuan, D., Wang, F. (2022): **Characteristics and generation mechanisms of key infrared radiation signals during damage evolution in sandstone**. Acta Geotechnica, 17: 1753-1763, DOI: 10.1007/s11440-021-01331-5
- Wang, P., Yin, T., Li, X., Konietzky, H. (2022): **Dynamic compressive strength and failure mechanisms of microwave damaged sandstone subjected to intermediate loading rate**. Trans. Nonferrous Met. Soc. China, 32 (11): 3714-3730, DOI: 10.1016/S1003-6326(22)66052-7
- De Silva, V.R.S., Konietzky, H., Marten, H., Ranjith, P.G., Lei, Z., Xu, T. (2022): **Grain-scale numerical simulation of crystalline rock fracturing using Soundless Cracking Demolition Agents for in-situ preconditioning**. Computers and Geotechnics, 155: 105187, DOI: 10.1016/j.compgeo.2022.105187
- Sun, H., Zhu, H., Konietzky, H., Wang, F., Herbst, M. (2022): **Some Thoughts about Infrared Radiation Response Characteristics during Loading of Sandstone Samples**. Applied Sciences, 12: 12229, DOI: 10.3390/app122312229
- Bai, Q., Konietzky, H. (2022): **A weakening-healing law to simulate stick-slip behavior of rock joint and the associated seismicity**. Proc. EUROCK-2022, Espoo, Finland
- Zhao, Y., Konietzky, H., Frühwirt, T., Zhou, H.W. (2022): **Gas Permeability Evolution of Coal with Inclusions under Triaxial Compression-Lab Testing and Numerical Simulation**. Materials, 15: 8567 DOI: 10.3390/ma15238567
- Zhang, M., Konietzky, H. (2022): **Visco-elastic constitutive law to simulate large creep deformations using particle based simulation approach**. Proc. EUROCK-2022, Espoo, Finland
- Zhang, M., Konietzky, H. (2022): **The exploration of force chains in bonded granular materials: A numerical study**. Proc. EUROCK-2022, Espoo, Finland
- Song, Z., Wu, Y., Konietzky, H., Amann, F., Yang, Z., Dang, W. (2022): **Mechanical behaviors of anthracite coal subject to low-cycle compressive differential cyclic loading (DCL) after wetting–drying (WD) treatment: an experimental study**. Geomech. Geophys. Geo-energ. Geo-resour. 8:116, DOI: 10.1007/s40948-022-00423-0
- Song, Z., Konietzky, H., Wu, F., Cai, X. (2022): **Mechanical and microseismic characteristics of sandstones subject to moderate low-frequency differential cyclic loading (DCL) followed by monotonic loading up to failure**. Acta Geotechnica, DOI: 10.1007/s11440-022-01570-0
- Bai, Q., Konietzky, H. (2022): **Numerical Insight Into Energy Partitioning During Stick-Slip Events Based on the Framework of Rate-and-State Friction Law**. Geophysical Research Letter, DOI: 10.1029/2021GL096677
- Justo, J., Konietzky, H., Castro, J. (2022): **Voronoi Based Discrete Element Analyses to Assess the Influence of the Grain Size and Its Uniformity on the Apparent Fracture Toughness of Notched Rock Specimens**. Rock Mech. Rock Eng., DOI: 10.1007/s00603-022-02852-5
- Song, Z., Konietzky, H., Wu, Y., Du, K., Cai, X. (2022): **Mechanical behaviour of medium-grained sandstones exposed to different cyclic loading with distinct loading and unloading rates**. Rock Mech. Rock Eng., DOI: 10.1016/j.jrmge.2021.12.027

•	Zhou, G.-L., Xu, T., Konietzky, H. Zhu, W., Heng, Z., Yu, X.-Y., Zhao, Y. (2022): An improved grain-based numerical manifold method to simulate deformation, damage and fracturing of rocks at the grain size level. Engineering Analysis with Boundary Elements, 134: 107-116 DOI: 10.1016/j.enganabound.2021.10.005
•	Dang, W. & Konietzky, H. (2022): The Effect of Normal Load Oscillation Amplitude on the Frictional Behavior of a Rough Basalt Fracture. Rock Mech. Rock Eng., DOI: 10.1007/s00603-022-02815-w
•	Zhang, G., Thuro, K., Konietzky, H., Menschik, F.M., Kaesling, H., Bayerl, M.- (2022): In-situ investigation of drilling performance and bit wear on an electrical drill hammer. Tunneling and Underground Space Technology, 122: 104348, DOI: 10.1016/j.tust.2021.104348
•	Wang, F. & Konietzky, H. (2022): Thermal cracking in granite during a heating-cooling cycle up to 1000°C: laboratory testing and real-time simulation. Rock Mech. Rock Eng., DOI: 10.1007/s00603-021-02740-4
•	Wang, F., Konietzky, H., Herbst, M., Chen, W. (2022): Mechanical responses of grain-based models considering different crystallographic spatial distributions to simulate heterogeneous rocks under loading. Int. J. Rock Mech Mining Sci, 151: 105036, DOI: 10.1016/j.ijrmms.2022.105036
2021	
•	Bai, Q., Konietzky, H. (2021): An innovative method to simulate stress-induced velocity changes in anisotropic rock. Geotechnique Letters, 11(4): 1-18, DOI: 10.1680/jgele.21.00011
•	Zhao, J., Konietzky, H. (2021): An overview on flooding induced uplift for abandoned coal mines. Int. J. Rock Mech. Min. Sci., 148: 104955, DOI: 10.1016/j.ijrmms.2021.104955
•	Kahnt, R., Konietzky, H. et al. (2021): Arehs: effects of changing boundary conditions on the development of hydrogeological systems: numerical long-term modelling considering thermal-hydraulic-mechanical(-chemical) coupled effects. Safety of Nuclear Waste Disposal, 1: 175-177, DOI: 10.5194/sand-1-175-2021
•	Zhao, J.; Konietzky, H.; Herbst, M.; Morgenstern, R. (2021): Numerical simulation of flooding induced uplift for abandoned coal mines: simulation schemes and parameter sensitivity. Int. J. Coal Science Technology, DOI: 10.1007/s40789-021-00465-x
•	Song, Z., Konietzky, H., Herbst, M., Frühwirt, T., Wu, Y. (2021): Fatigue and micro-seismic behaviors of concrete disks exposed to cyclic Brazilian testing: a numerical investigation based on a 3D particle-based model. International Journal of Fatigue, 155: 106629, DOI: 10.1016/j.ijfatigue.2021.106629
•	Wang, F.; Konietzky, H.; Herbst, M. (2021): Damage of irregular-shaped sandstone balusters under real fire loading. Journal of Building Engineering, 45: 103492, DOI: 10.1016/j.job.2021.103492
•	Liu, Y., Konietzky, H. (2021): Composite pull-apart basin evolution: A discontinuum based numerical study. Journal of Structural Geology, 153: 104462, DOI: 10.1016/j.jsg.2021.104462
•	Cai, X.; Cheng, C.; Zhou, Z.; Konietzky, H.; Song, Z.; Wang, S. (2021): Rock mass watering for rock burst prevention: some thoughts on the mechanisms deduced from laboratory results. Bull. of Eng. Geology and the Environment DOI: 10.1007/s10064-021-02467-0
•	Zhou, G.-L.; Xu, T.; Konietzky, H.; Zhu, W.; Heng, Z.; Yu, X.-Y.; Zhao, Y. (2021): An improved grain-based numerical manifold method to simulate deformation, damage and fracturing of rocks at the grain size level. Engineering Analysis with Boundary Elements, 134: 107-116, DOI: 10.1016/j.enganabound.2021.10.005
•	Zhang, G., Konietzky, H., Song, Z, Huang, S. (2020): Study of some testing condition-based factors affecting the Cerchar abrasivity index (CAI). Arabian Journal of Geosciences: 13: 1254 DOI: 10.1007/s12517-020-06254-1
•	Bai, Q., Konietzky, H., Dang, W. (2021): Microscopic Modeling of Frictional Response of Smooth Joint Under Normal Cyclic Loading. Rock Mechanics Rock Engineering, 55: 169-186, DOI: 10.1007/s00603-021-02652-3
•	Wang, F., Konietzky, H., Herbst, M., Kutz, M., Frühwirt, T., Freudenberg, N., Siedel, H. (2021): Numerical simulation of damage behaviour of building sandstone exposed to fire. Rock Mech. Rock Eng. 54: 3149–3164, DOI: 10.1007/s00603-021-02454-7

•	Wasantha, P.L.P., Konietzky, H., Xu, T., Xu, B. (2021): Stress shadow effect during multi-stage hydraulic fracturing with different wellbore arrangement . Earth Environ. Sci.: 833 012184, DOI: 10.1088/1755-1315/833/1/012184
•	Song, Z., Frühwirth, T., Konietzky, H. (2021): Fatigue characteristics of concrete subjected to indirect cyclic tensile loading: Insights from deformation behavior, acoustic emissions and ultrasonic wave propagation . Construction and Building Materials, 302: 124386, DOI: 10.1016/j.conbuildmat.2021.124386
•	Song, Z., Konietzky, H., Cai, C. (2021): Modulus degradation of concrete exposed to compressive fatigue loading: Insights from lab testing . Structural Engineering and Mechanics, 78(3): 281-296, DOI: 10.12989/sem.2021.78.3.281
•	Zhao, Y., Konietzky, H., Herbst, M. (2021): Damage Evolution of Coal with Inclusions Under Triaxial Compression . Rock Mechanics and Rock Engineering, 54: 5319-5336, DOI: 10.1007/s00603-021-02436-9
•	Finenko, M. & Konietzky, H. (2021): Hausdorff Distance as a 3D Fracture Aperture Metric . Rock Mechanics and Rock Engineering, 54: 2355-2367, DOI: 10.1007/s00603-021-02367-5
•	Wang, Z. H., Su, T., Konietzky, H., Tan, Y. L., Zhou, G. L. (2021): Hydraulic properties of Beishan granite after different high temperature treatments . Bulletin of Engineering Geology and the Environment, DOI: 10.1007/s10064-021-02130-8
•	Song, Z., Wang, Y., Konietzky, H. (2021): Mechanical behavior of marble exposed to freeze-thaw-fatigue loading . Int. J. Rock Mech. Min. Sci., 138: 104648, DOI: 10.1016/j.ijrmms.2021.104648
•	Kolditz, O.; Görke, U.-J.; Konietzky, H.; Maßmann, J.; Nest, M.; Steeb, H.; Wuttke, F.; Nagel, Th. (Eds.): GeomInt–Mechanical Integrity of Host Rocks. Series: Terrestrial Environmental Sciences . Springer, 2021. ISBN 978-3-030-61908-4, DOI: 10.1007/978-3-030-61909-1
•	Bai, Q., Konietzky, H., Ding, Z., Cai, W., Zhang, C. (2021): A displacement-dependent moment tensor method for simulating fault-slip induced seismicity . Geomech. Geophys. Geo-energ. Geo-resour., 7:79, DOI: 10.1007/s40948-021-00269-y
•	Zhao, Y., Konietzky, H., Knorr, J., Kerber, A. (2021): SSiC nuclear waste canisters: stability considerations during static and dynamic impact , atw, 66(5): 20-25

2020

•	Zhang, G., Dang, W., Herbst, M., Song, Z. (2020): Complex analysis of rock cutting with consideration of rock-tool interaction using distinct element method (DEM) . Geomechanics and Engineering, 20(5), 421-432 DOI: 10.12989/gae.2020.20.5.421
•	Schmidt, F., Menendez, J., Konietzky, H. et al. (2020): Converting closed mines into giant batteries: Effects of cyclic loading on the geomechanical performance of underground compressed air energy storage systems . Journal of Energy Storage, 32: 101882 DOI: 10.1016/j.est.2020.101882
•	Menendez, J., Schmidt, F., Konietzky, H., Sánchez, A., Loredó, J. (2020): Empirical Analysis and Geomechanical Modelling of an Underground Water Reservoir for Hydroelectric Power Plants . Applied Sciences. 10. 5853. DOI: 10.3390/app10175853
•	Wang, Z.H., Ren, W.G., Tan, Y.L., Konietzky, H. (2020): Experimental and numerical study on hydromechanical coupled deformation behavior of Beishan granite considering permeability evolution . Geofluids, ID 8855439, 14 p. DOI: 10.1155/2020/8855439
•	Wang, F., Konietzky, H., Herbst, M. (2020): Thermal effect of load platen stiffness during high-temperature rock-mechanical tests . Computer and Geotechnics, 126: 103721 DOI: 10.1016/j.compgeo.2020.103721

•	Zhao, J., Konietzky, H. (2020): Numerical analysis and prediction of ground surface movement induced by coal mining and subsequent groundwater flooding. Int. Journal of Coal Geology, 229: 103565 DOI: 10.1016/j.coal.2020.103565
•	Justo, J., Konietzky, H., Castro, J. (2020): Discrete numerical analyses of grain size influence on the fracture of notched rock beams. Computer and Geotechnics, 125: 103680, DOI: 10.1016/j.compgeo.2020.103680
•	Wang, F., Frühwirth, T., Konietzky, H. (2020): Influence of repeated heating on physical-mechanical properties and damage evolution of granite. International Journal of Rock Mechanics and Mining Sciences, 136: 104514. DOI: 10.1016/j.ijrmms.2020.104514
•	Zhou, G.-L., Xu, T., Zhu, W.-C., Konietzky, H., Heng, Z., Yu, X. (2020): A damage-based numerical manifold approach to crack propagation in rocks. Engineering Analysis with Boundary Elements, 117: 76-88 DOI: 10.1016/j.engabound.2020.03.026
•	Wang, F.; Konietzky, H. Frühwirth, T., Li, Y., Dai, Y. (2020): Impact of cooling on fracturing process of granite after high-speed heating. Int. Rock Mech. Min. Sci., 125 (2020), 104155. DOI: 10.1016/j.ijrmms.2019.104155
•	Wang, F., Konietzky, H., Frühwirth, T.; Dai, Y. (2020): Laboratory testing and numerical simulation of properties and thermal-induced cracking of Eibenstock granite at elevated temperatures. Acta Geotechnica, 15: 2259 - 2275. DOI: 10.1007/s11440-020-00926-8
•	Konietzky, H., Li, X., Chen, W. (2020): Lifetime Prediction of Rocks , in: Baoteng, S. et al. 'Modelling Rock Fracturing Processes', Springer, 475-529 DOI: 10.1007/978-3-030-35525-8_19
•	Rinne, M., Stephansson, O., Baotang, S., Konietzky, H. (2020): Introduction to the Theories of Rock Fracturing , in: Baoteng, S. et al. 'Modelling Rock Fracturing Processes', Springer, 7-24 DOI: 10.1007/978-3-030-35525-8_2
•	Wang, F.; Konietzky, H. (2020): Thermal damage evolution of granite under slow and high-speed heating conditions. Computers and Geotechnics, 123: 103590 DOI: 10.1016/j.compgeo.2020.103590
•	Zhang, G.; Konietzky, H. (2020): Cerchar Abrasion Ratio (CAR) as a new indicator for assessing rock abrasivity, rock-stylus interaction and cutting efficiency. Rock Mech. Rock Eng. DOI: 10.1007/s00603-020-02112-4
•	Song, Z.; Konietzky, H.; Herbst, M. (2020): The application of PFC to simulate longwall top coal caving. Proc. of the 5rd International Itasca Symposium on Numerical Modeling 2020, Paper 11-02.
•	Song, Z.; Konietzky, H.; Herbst, M. (2020): Drawing mechanism of fractured top coal in longwall top coal caving. Int. J. Rock Mech. Min. Sci., 130 (2020), 104329. DOI: 10.1016/j.ijrmms.2020.104329
•	Justo, J., Castro, J., Konietzky, H. (2020): Voronoi based discrete element analysis to assess the influence of the grain size on the apparent fracture toughness of notched rock specimens. ARMA 20, 1467
•	Zhang, G.; Konietzky, H.; Frühwirth, T. (2020): Investigation of scratching specific energy in the Cerchar abrasivity test and its application for evaluating rock-tool interaction and efficiency of rock cutting. Wear, 448-449: 203218 DOI: 10.1016/j.wear.2020.203218
•	Zhang, G.; Konietzky, H.; Song, Z.; Zhang, M. (2020): Study of Cerchar abrasive parameters and their relations to intrinsic properties of rocks for construction. Construction and Building Materials, 244: 118327 DOI: 10.1016/j.conbuildmat.2020.118327
•	Zhang, M., Dou, L., Konietzky, H., Song, Z., Huang, S. (2020): Cyclic fatigue characteristics of strong burst-prone coal: Experimental insights from energy dissipation, hysteresis and micro-seismicity. Int. Journal of Fatigue, 133: 105429 DOI: 10.1016/j.ijfatigue.2019.105429

2019

- Xie, H, Konietzky, H., Zhou, H.W. (2019): **Special issue „Deep Mining“**, Rock Mechanics Rock Engineering, 52: 1415-1416 DOI: 10.1007/s00603-019-01805-9
- Wasantha, P.L.P., Konietzky, H., Xu, C. (2019): **Effect of in-situ contrast on fracture containment during single- and multi-stage hydraulic fracturing**. Engineering Fracture Mechanics, 205: 175-189 DOI: 10.1016/j.engfracmech.2018.11.016
- Wang, F., Konietzky, H., Frühwirt, T., Li, Y., Dai, Y. (2019): **The Influence of Temperature and High Speed Heating on Tensile Strength of Granite and the Application of Digital Image Correlation on Tensile Failure Processes**. Rock Mech. Rock Eng. DOI: 10.1007/s00603-019-02022-0
- Wang, F.; Frühwirt, T.; Konietzky, H.; Zhu, Q. (2019): **Thermo-mechanical behaviour of granite during high-speed heating**. Engineering Geology, 201: 260, DOI: 10.1016/j.enggeo.2019.105258
- Wang, F.; Konietzky, H. (2019): **Thermo-Mechanical Properties of Granite at Elevated Temperatures and Numerical Simulation of Thermal Cracking**. Rock Mech Rock Eng, 3737-3755. DOI: 10.1007/s00603-019-01837-1
- Wang, F.; Konietzky, H.; Herbst, M. (2019): **Influence of heterogeneity on thermo-mechanical behaviour of rocks**. Computers and Geotechnics, 116 DOI: 10.1016/j.compgeo.2019.103184
- Chang, L., Konietzky, H.; Frühwirt, T. (2019): **Strength anisotropy of rocks with crossing joints: Results of physical and numerical modeling with gypsum models.**, Rock Mechanics and Rock Engineering, 52: 2293-2317 DOI: 10.1007/s00603-018-1714-8
- Song, Z.; Konietzky, H.; Frühwirt, T. (2019): **Hysteresis and dynamic response features of concrete exposed to repeated multilevel compressive loading**. Journal of Materials in Civil Engineering, 31: 1-12, DOI: 10.1061/(ASCE)MT.1943-5533.0002703
- Song, Z.; Konietzky, H.; Herbst, M. (2019): **Three-dimensional particle model based numerical simulation on multi-level compressive cyclic loading of concrete**. Construction and Building Materials 225: 661-677, DOI: 10.1016/j.conbuildmat.2019.07.260
- Song, Z.; Konietzky, H. (2019): **A particle-based numerical investigation on longwall top coal caving mining**. Arabian Journal of Geosciences, 12: 556, DOI: 10.1007/s12517-019-4743-z
- Song, Z., Frühwirt, T., Konietzky, H. (2019): **Inhomogeneous mechanical behaviour of concrete subjected to monotonic and cyclic loading**, Int. Journal of Fatigue, 105383. DOI: 10.1016/j.ijfatigue.2019.105383
- Tan, X.; Konietzky, H. (2019): **Numerical simulation of permeability evolution during progressive failure of Aue granite at the grain size level**. Computers and Geotechnics, 112: 185-196. DOI: 10.1016/j.compgeo.2019.04.016
- Menedez, J.; Schmidt, F.; Konietzky, H. et al. (2019): **Stability analysis of the underground infrastructure for pumped storage hydropower plants in closed coal mines**. Tunneling and Underground Space Technology, 94: 103117, DOI: 10.1016/j.tust.2019.103117
- Ismael, M.; Konietzky, H. (2019): **Constitutive model for inherent anisotropic rocks: Ubiquitous joint model based on the Hoek-Brown failure criterion**. Computers and Geotechnics, 105: 99-109. DOI: 10.1016/j.compgeo.2018.09.016
- Ismael, M.; Konietzky, H.; Herbst, M. (2019): **A new continuum-based constitutive model for the simulation of the inherent anisotropy of Opalinus clay**. Tunnelling and Underground Space Technology, 93, 103106, DOI: 10.1016/j.tust.2019.103106
- Dang, W.; Konietzky, H.; Frühwirt, T.; Herbst, M. (2019): **Cyclic frictional responses of planar joints under cyclic normal load conditions: laboratory tests and numerical simulations**. Rock Mechanics and Rock Engineering DOI: 10.1007/s00603-019-01910-9

•	Dang, W.; Wu, W.; Konietzky, H.; Qian, J. (2019): Effect of shear-induced aperture evolution on fluid flow in rock fractures. Computers & Geotechnics, 114: 103152 DOI: 10.1016/j.compgeo.2019.103152
•	Bing, D.; Guoyan, Z.; Konietzky, H.; Wasantha, P.L.P. (2019): Experimental and numerical study on the damage evolution behaviour of granitic rock during loading and unloading. KSCE Journal of Civil Engineering, 22(9): 3278-3291. DOI: 10.1007/s12205-018-1653-7
2018	
•	Zhao, Y.-N.; Konietzky, H.; Knorr, J.; Kerber, A. (2018): Preliminary study on geo-mechanical aspects of SSiC canisters. , Advances in Geosciences, 45: 63-72. DOI: 10.5194/adgeo-45-63-2018
•	Chang, L.; Konietzky, H. (2018): Application of the Mohr-Coulomb yield criterion for rocks with multiple joint sets using fast Lagrangian analysis of continua (FLAC2D) software. , energies, 11: 614. DOI: 10.3390/en11030614
•	Xu, T.; Zhou, G.; Heap, M. J.; Yang, S.; Konietzky, H.; Baud, P. (2018): The Modeling of Time-Dependent Deformation and Fracturing of Brittle Rocks Under Varying Confining and Pore Pressures. , Rock Mech Rock Eng, 51(10): 3241-3263. DOI: 10.1007/s00603-018-1491-4
•	Song, Z.; Konietzky, H.; Herbst, M. (2018): Bonded-particle model-based simulation of artificial rock subjected to cyclic loading , Acta Geotechnica. DOI: 10.1007/s11440-018-0723-9
•	Song, Z.; Konietzky, H.; Frühwirt, T. (2018): Hysteresis energy-based failure indicators for concrete and brittle rocks under the condition of fatigue loading. , International Journal of Fatigue, 114C: 298-310. DOI: 10.1016/j.ijfatigue.2018.06.001
•	Song, Z.; Frühwirt, T.; Konietzky, H. (2018): Characteristics of dissipated energy of concrete subjected to cyclic loading. , Construction and Building Materials, 168: 47-60. DOI: 10.1016/j.conbuildmat.2018.02.076
•	Liu, Y.; Konietzky, H. (2018): Particle based modeling of pull-apart basin development. , Tectonics, 37(1): 343-358. DOI: 10.1002/2017TC004685
•	Liu, Y.; Konietzky, H. (2018): Particle based modeling of pull-apart basin development with different initial master fault configurations. , Geophysical Research Abstracts, Jahrgang: EGU-2018-12728, Nr. 20.
•	Li, X.; Huai, Z.; Konietzky, H.; Li, X.; Wang, Y. (2018): A numerical study of brittle failure in rocks with distinct microcrack characteristics. , Int. J. Rock Mech. Mining Sci., 106: 289-299. DOI: 10.1016/j.ijrmms.2018.04.006
•	Konietzky, H.; Zhao, Y.-N.; Knorr, J.; Kerber, A. (2018): Geomechanical aspects of SSiC container for nuclear waste disposal. , Geophysical Research Abstracts, Jahrgang: EGU-2018-2684, Nr. 20.
•	Finenko, M.; Konietzky, H. (2018): CFD Simulation von Fluidströmung in Gesteinsklüften mit OpenFOAM. , Mitteilungen Inst. Geotechnik TU Dresden, 4: 211-220.
•	Dang, W.; Konietzky, H.; Chang, L.; Frühwirt, T. (2018): Velocity-frequency-amplitude-dependent frictional resistance of planar joints under dynamic normal load (DNL) conditions. , Tunneling and Underground Space Technology, 79: 27-34. DOI: 10.1016/j.tust.2018.04.038
•	Chen, H.; Konietzky, H.; Liu, C.; Tan, X. (2018): Hydraulic fracturing simulation for heterogeneous granite by discrete element method. , Computers and Geotechnics, 95: 1-15. DOI: 10.1016/j.compgeo.2017.11.016
•	Chen, W.; Konietzky, H.; Liu, C.; Fu, H.; Zhan, J. (2018): Prediction of Brickwork Failure Using Discrete-Element Method. , J. Mater. Civ. Eng., 30:9. DOI: 10.1061/(ASCE)MT.1943-5533.0002431

2017

- Wasantha, P.L.P; Konietzky, H. (2017): **Hydraulic Fracture Propagation under Varying In-Situ Stress Conditions of Reservoirs.**, Procedia Engineering, 191: 410-418. DOI: 10.1016/j.proeng.2017.05.198
- Wasantha, P.L.P; Konietzky, H.; Weber, F. (2017): **Geometric nature of hydraulic fracture propagation in naturally-fractured reservoirs.**, Computers and Geotechnics, 83: 209-220. DOI: 10.1016/j.compgeo.2016.11.005
- Tan, X.; Konietzky, H. (2017): **Numerical Study of Biot's Coefficient Evolution During Failure Process for Aue Granite Using an Empirical Equation Based on GMR Method.**, Rock Mech Rock Eng, 50: 1683-1689. DOI: 10.1007/s00603-017-1225-z
- Li, J.; Konietzky, H.; Frühwirt, T. (2017): **Voronoi-Based DEM Simulation Approach for Sandstone Considering Grain Structure and Pore Size.**, Rock Mech Rock Eng, 50: 2749-2761. DOI: 10.1007/s00603-017-1257-4
- Konietzky, H. (2017): **Mircomechanical Rock Models.**, ISRM News Journal, 19: 39-44.
- Konietzky, H.; Wasantha, P.L.P; Weber, F. (2017): **Simulating the Single- and Multi-Stage Hydraulic Fracturing: Some Insights Gleaned from Discontinuum and Continuum Modelling.**, Procedia Engineering, 191: 1096-1103. DOI: 10.1016/j.proeng.2017.05.287
- Kaczmarek, L. D.; Zhao, Y.; Konietzky, H.; Wejrzanowski, T.; Maksimczuk, M. (2017): **Numerical approach in recognition of selected features of rock structure from hybrid hydrocarbon reservoir samples based on microtomography.**, Studia Geotechnica et Mechanica, 39(1): 13-25. DOI: 10.1556/004.2017.39.1.2
- Ismael, M.; Konietzky, H. (2017): **Integration of Elastic Stiffness Anisotropy into Ubiquitous Joint Model.**, Procedia Engineering, 191: 1032-1039. DOI: 10.1016/j.proeng.2017.05.276
- Dang, W.; Frühwirt, T.; Konietzky, H. (2017): **Behaviour of a plane joint under horizontal cyclic shear loading.** Geomechanics and Engineering, 13(5): 809-823. DOI: 10.12989/gae.2017.13.5.809
- Dang, W.; Konietzky, H.; Frühwirt, T. (2017): **Direct Shear Behavior of Planar Joints Under Cyclic Normal Load Conditions: Effect of Different Cyclic Normal Force Amplitudes.** Rock Mechanics Rock Engineering, 50: 3101-3107. DOI: 10.1007/s00603-017-1274-3
- Dang, W.; Konietzky, H.; Herbst, M.; Frühwirt, T. (2017): **Complex analysis of shear box tests with explicit consideration of interaction between test device and sample.** Measurement, 102: 1-9. DOI: 10.1016/j.measurement.2017.02.032

2016

- Wasantha, P.L.P; Konietzky, H. (2016): **Fault reactivation and reservoir modifications during hydraulic stimulation of naturally-fractured reservoirs.**, J. Natural Gas Science and Engineering, 34: 908-916. DOI: 10.1016/j.jngse.2016.07.054
- Tan, X.; Konietzky, H.; Chen, W. (2016): **Numerical Simulation of Heterogeneous Rock Using Discrete Element Model Based on Digital Image Processing.**, Rock Mech Rock Eng, 49: 4957-4964. DOI: 10.1007/s00603-016-1030-0
- Schuetz, H.; Konietzky, H. (2016): **Evaluation of Flooding Induced Seismicity from the Mining Area Schlema/Alberoda (Germany).**, Rock Mechanics Rock Engineering, 49: 4125-4135. DOI: 10.1007/s00603-016-1032-y
- Schuetz, H.; Konietzky, H. (2016): **Studies of flooding induced seismicity in the Schlema-Alberoda uranium mine.**, Geomechanics and Tunneling, 9(5): 508-514.
- Petzoldt, L.; Konietzky, H. (2016): **Numerical CFD-DEM analysis of rip-rap revetments on maritime waterways.** BAW-Mitteilungen, 99: 35-43

•	Nguyen, Q. T.; Konietzky, H. (2016): Mechanical behaviour of Hai Duong Medium Sand in Triaxial Test and its DEM Simulations. , Geotechnical Engineering Journal of the SEAGS & AGSSEA, 47(3), DOI: 10.14456/seagj.2016.62
•	Müller, C.; Kuate, E. S.; Frühwirt, T.; Konietzky, H. (2016): Modeling of the Hydromechanical Behavior of Rock Salt at Grain Scale using DEM. , Proceedings 45. Geomechanics-Colloquium, TU Bergakademie Freiberg, 165-182. DOI: 10.1016/j.engfracmech.2016.06.004
•	Li, X.; Konietzky, H.; Li, X. (2016): Numerical study on time dependent and time independent fracturing processes for brittle rocks. , Engineering Fracture Mechanics, 163: 89-107. DOI: 10.1016/j.engfracmech.2016.08.008
•	Li, X.; Li, X.; Konietzky, H. (2016): Fracturing processes for brittle rocks - a numerical study. , Proceedings 45. Geomechanics-Colloquium, TU Bergakademie Freiberg, 73-100.
•	Konietzky, H. (2016): Geomechanische Untersuchungen zu Riss- und Schädigungsprozessen im Gestein auf verschiedenen Skalen. , Glanzlichter der Forschung, Chemnitz Verlag, 418-427.
•	Konietzky, H.; Nguyen, Q. T. (2016): Stability and deformation of backfilled shafts. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 45. Geomechanik-Kolloquium, 125-142.
•	Harms, S.; Konietzky, H.; Stoll, R. (2016): Current state of the mining-induced consequences at the coalfield Lugau/Oelsnitz. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 45. Geomechanik-Kolloquium, 291-302.
•	Dang, W.; Konietzky, H.; Frühwirt, T. (2016): Rotation and stress changes on a plane joint during direct shear tests. , Int. J. Rock Mech. Mining Sci., 89: 129-135. DOI: 1016/j.ijrmms.2016.08.007
•	Dang, W.; Konietzky, H.; Frühwirt, T. (2016): Direct shear behavior of a plane joint under dynamic normal load (DNL) conditions. , Engineering Geology, 213: 133-141. DOI: 1016/j.enggeo.2016.10.002
•	Chen, W.; Konietzky, H.; Tan, X.; Frühwirt, T. (2016): Pre-failure damage analysis for brittle rocks under triaxial compression. , Computers and Geotechnics, 74: 45-55. DOI: 10.1016/j.compgeo.2016.01.010
•	Barsch, M.; Zeeb, C.; Konietzky, H.; Kleinickel, C.; Schmitz, S.; Kretzschmar, H.-J. (2016): Thermal and geomechanical optimization of deep geothermal systems in crystalline rocks. , Erdöl Erdgas Kohle, 132(2): 76-80.
2015	
•	Zeeb, C.; Konietzky, H. (2015): Simulating the hydraulic stimulation of multiple fractures in an anisotropic stress field applying the discrete element method. , Energy Procedia, Jahrgang: 76, S. 264-272. DOI: 10.1016/j.egypro.2015.07.859
•	Tan, X.; Konietzky, H.; Frühwirt, T.; Dinh, Q. D. (2015): Brazilian Tests on Transversely Isotropic Rocks: Laboratory Testing and Numerical Simulations. , Rock Mechanics Rock Engineering, 48: 1341-1351. DOI: 10.1007/s00603-014-0629-2
•	Wagner, S.; Reich, M.; Buske, S.; Konietzky, H.; Förster, H.-J.; Förster, A. (2015): Petrothermal Energy Generation in Crystalline Rocks (Germany). , Proc. World Geothermal Congress.
•	Tan, X.; Konietzky, H.; Frühwirt, T. (2015): Experimental and Numerical Study on evolution of Biot's Coefficient during Failure Process for Brittle Rocks. , Rock Mechanics Rock Engineering, 48: 1289-1296. DOI: 10.1007/s00603-014-0618-5
•	Tan, X.; Konietzky, H.; Frühwirt, T. (2015): Numerical simulation of triaxial compression test for brittle rock sample using modified constitutive law considering degradation and dilation behavior. , J. Central South University, 22(8): 3097-3107. DOI: 10.1007/s11771-015-2846-6

•	Nguyen, Q. T.; Konietzky, H. (2015): Simulation of shaft ballast columns via DEM. , Proc. Schüttguthandling im Zeitalter von Industrie 4.0, 182-196.
•	Konietzky, H.; Tan, X.; Chen, W. (2015): Time-dependent DEM based fracture simulations at the grain-size level for brittle heterogeneous solids. , Proc. 4th Int. Conference on Particle Based Methods, Barcelona, Spain, 41-51.
•	Jas, H.; Stahl, M.; Konietzky, H.; te Kamp, L.; Oliver, T. (2015): Discrete Element modelling of a traffiecked sub-based stabilized with biaxial and multi-axial geogrids to compare stabilization mechanisms. , Proc. Geosynthetics, 224-254.
•	Jas, H.; Stahl, M.; te Kamp, L.; Konietzky, H.; Oliver, T. (2015): Discrete element simulation of geogrid stabilized sub-base: Modelling and calibration and plate load simulation under special consideration of important boundary conditions , Proc. 6th International Symposium on Deformation Characteristics of Geomaterials. Buenos Aires, Argentina.
•	Jas, H.; Stahl, M.; te Kamp, L.; Konietzky, H.; Oliver, T. (2015): Discrete element simulation: Modelling, simulation and analysis of a geogrid stabilized sub-base while loaded with a moving wheel with special emphasis on the behaviour of the geogrid. , Proc. 6th International Symposium on Deformation Characteristics of Geomaterials. Buenos Aires, Argentina.
•	Ismael, M.; Konietzky, H.; Imam, H.; Helal, H. (2015): Extension and modification of Hoek and Brown failure criterion to incorporate anisotropy. , EUROCK2015, 767-772.
•	Chen, W.; Konietzky, H. (2015): Simulation of damage evolution in rocks due to critical and subcritical crack growth. , EUROCK2015, 701-706.
•	Chen, W.; Konietzky, H.; Abbas, S. M. (2015): Numerical simulation of time-independent and -dependent fracturing in sandstone. , Engineering Geology, 193(2): 118-131. DOI: 10.1016/j.enggeo.2015.04.021
•	Bacas, B.M; Canizal, J.; Konietzky, H. (2015): Shear strength behavior of geotextile/geomembrane interfaces. , J. Rock Mech. Geotech. Eng., 7: 638-645. DOI: 10.1016/j.jrmge.2015.08.001
•	Bacas, B.M; Canizal, J.; Konietzky, H. (2015): Three critical geosynthetic interfaces for the stability of landfills. , Geosynthetics International, 22(5): 355-365. DOI: 10.1680/jgein.15.00017
2014	
•	Zeeb, C.; Konietzky, H. (2014): Fracture propagation during hydraulic stimulation in an anisotropic stress field applying the discrete element method. , Proc. GeoShale 2014.
•	Zeeb, C.; Konietzky, H.; Wolgast, D. (2014): Simulation of hydro-mechanical fracture growth in single- and multi-fracture systems. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 43. Geomechanik-Kolloquium, 183-197.
•	Wiechert, J.; Frühwirth, T.; Konietzky, H. (2014): Risk-assessment of the consolidation of a baroque tombstone of Cottaer Sandstone. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 43. Geomechanik-Kolloquium, 143-164.
•	Vervoort, A.; K.-B., Min; Konietzky, H.; Cho, J.-W; Debecker, B.; Dinh, Q. D.; Frühwirth, T.; Tavallali, A. (2014): Failure of transversely isotropic rock under Brazilian test conditions. , Int. J. Rock Mech. Mining Sci., 70: 343-352. DOI: 10.1016/j.ijrmms.2014.04.006
•	Tan, X.; Konietzky, H.; Frühwirth, T. (2014): Laboratory observation and numerical simulation of permeability evolution during progressive failure of brittle rocks. , Int. J. Rock Mech. Mining Sci., 68: 167-176. DOI: 10.1016/j.ijrmms.2014.02.016
•	Tan, X.; Konietzky, H. (2014): Brazilian split tests and numerical simulation by discrete element method for heterogeneous gneiss with bedding structure. , Chinese Journal of Rock Mechanics and Engineering, 33(5): 938-946.

•	Tan, X.; Konietzky, H. (2014): Numerical study of variation in Biot's coefficient with respect to microstructure of rocks. , Tectonophysics, 610: 159-171. DOI: 10.1016/j.tecto.2013.11.014
•	Stahl, M.; Konietzky, H.; te Kamp, L.; Jas, H. (2014): Discrete element simulation of geogrid-stabilized soil. , Acta Geotechnica, 9: 1073-1084.
•	Otparlik, K.; Konietzky, H. (2014): Numerical stress field modelling for potential EGS sites in Saxony, Germany. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 43. Geomechanik-Kolloquium, 241-257.
•	Nguyen, V.M.; Konietzky, H.; Frühwirth, T. (2014): New Methodology to Characterize Shear Behavior of Joints by Combination of Direct Shear Box Testing and Numerical Simulations. , Geotech Geol Eng, 32: 829-846. DOI: 10.1007/s10706-014-9761-8
•	Mittelbach, L.; Pohl, M.; Schulze, P.; Konietzky, H. (2014): Numerical simulation of rip-rap revetments in tidal areas. , Die Küste, 81: 119-132.
•	Li, X.; Konietzky, H. (2014): Simulation of time-dependent crack growth in brittle rocks under constant loading conditions. , Engineering Fracture Mechanics, 119: 53-65. DOI: 10.1016/j.engfracmech.2014.02.008
•	Li, X.; Konietzky, H. (2014): Numerical simulation on the time-dependent crack propagation in rock under constant load. , Proc. 3rd International young scholars' symposium on rock mechanics. DOI: 10.1007/s11440-014-0337-9
•	Li, X.; Konietzky, H. (2014): Numerical simulation schemes for time-dependent crack growth in hard brittle rock. , Acta Geotechnica, 10: 513-531.
•	Li, X.; Konietzky, H. (2014): Time to failure prediction scheme for rocks. , Rock Mechanics Rock Engineering. DOI: 10.1007/s00603-013-0447-y
•	Jakob, C.; Konietzky, H. (2014): Neue Ergebnisse der mikromechanischen Modellierung verflüssigungs-empfindlicher Sande. , TU BAF, Veröffentlichung Institut für Spezialtiefbau, 179-186.
•	Dinh, Q. D.; Konietzky, H. (2014): Numerical simulations and interpretations of Brazilian tensile tests on transversely isotropic rocks. , Int. J. Rock Mech. Mining Sci., 71: 53-63. DOI: 10.1016/j.ijrmms.2014.06.015
•	Chen, W.; Konietzky, H. (2014): Simulation of heterogeneity and fracturing of Lac du Bonnet granite. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 43. Geomechanik-Kolloquium, S. 201-225.
•	Chen, W.; Konietzky, H. (2014): Simulation of heterogeneity, creep, damage and lifetime for loaded brittle rocks. , Tectonophysics, Nr. 633, S. 164-175. DOI: 10.1016/j.tecto.2014.06.033
2013	
•	Tan, X.; Konietzky, H. (2013): Experimental and Numerical Study of Brazilian Split Tests on Heterogeneous Gneiss with Bedding Structure. , Chinese Journal of Rock Mechanics and Engineering, 1: 1-9.
•	Stahl, M.; Konietzky, H.; te Kamp, L. (2013): Discrete element simulation of geogrid-reinforced soil: Geogrid calibration and pullout tests under special consideration of important boundary conditions. , Acta Geotechnica. DOI: 10.1007/s11440-013-0265-0 DOI: 10.1680/geng.2006.159.1.35
•	Nguyen, Q. T.; Konietzky, H. (2013): DEM simulation of mechanical lab tests for coarse-grained granular material. , Proc. Int. Conference for Geotechnics for Sustainable Development, Geotechnics for Sustainable Development (Ed.: P.D. Long), Construction Publishing House, Hanoi and Vietnam, 787-795.
•	Konietzky, H.; Li, X. (2013): Strength degradation model based on microscopic crack growth. , Proc. of the 3rd International FLAC/DEM Symposium on Numerical Modeling, Paper 10-08.

•	Konietzky, H.; Schlegel, R. (2013): Optimization, Sensitivity and Robustness Analysis -- Applications and Trends in Geomechanics. , Proc. EUROCK2013: 69-77.
•	Konietzky, H.; Tan, X. (2013): Numerical simulation of triaxial compression test for brittle rock sample using a modified constitutive law considering the degradation and dilation behavior. , Proc. of the 3rd International FLAC/DEM Symposium on Numerical Modeling, Paper 09-07. DOI: 10.1007/s11771-015-2846-6.
•	Dinh, Q.D; Konietzky, H.; Herbst, M. (2013): Brazilian Tensile Strength Tests on some Anisotropic Rocks. , Int. J. Rock Mech. Mining Sci., 58: 1-7. DOI: 10.1016/j.ijrmms.2012.08.010
•	Baumgarten, L.; Konietzky, H. (2013): Investigations on the Fracture Behaviour of Rocks in a Triaxial Compression Test. , Proc. EUROCK2013, 861-866.
2012	
•	Wagner, A.; Konietzky, H.; Otparlik, K.; Müller, C.; Lerch, C. (2012): Microstructure simulation based on discrete element models -- theory and application in salt mechanics. , Veröffentlichung des Instituts für Geotechnik der TU Bergakademie Freiberg, 2012-1: 195-209.
•	Tan, X.; Konietzky, H.; Frühwirt, T. (2012): A modified constitutive law for brittle rocks considering the degradation and dilation behavior. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 41. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 275-298.
•	Stahl, M.; Konietzky, H.; L., te Kamp, (2012): Numerische Modellierung granularer Böden mittels der Distinkten-Elemente Methode unter besonderer Berücksichtigung relevanter kornspezifischer Eigenschaften. , Bergbau, 63(8): 349-355.
•	Schmidt, F.; Konietzky, H. (2012): Geomechanical Problems at the Copper mines Jezkazgan (Kazakhstan). , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 41. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 27-40.
•	Pohl, M.; Wagner, A.; Herbst, M.; Konietzky, H. (2012): Numerical simulation of the consolidation behaviour of dredged material based on large scale test. , Proc. Baltic Sea Geotechnical Conference, Rostock, Germany, 125-132.
•	Nohlen, U.; Konietzky, H. (2012): Verdichtung steif-halbfester bindiger Böden mit Bagger-Anbauverdichtern. , 2. Symposium Baugrundverbesserung in der Geotechnik.
•	Müller, C.; Lerch, C.; Otparlik, K.; Konietzky, H. (2012): Simulation of the mechanical deterioration of rock salt at grain scale. , Proc. of the 7th conference on the mechanical behavior of salt, 107-114.
•	Mittelbach, L.; Konietzky, H.; Baumgarten, L. (2012): Ultrasonic wave measurements during triaxial tests -- laboratory tests and numerical simulations. , BAW-Mitteilungen, 95: 71-78.
•	Li, X.; Konietzky, H. (2012): Lifetime study on rocks under static loads with numerical simulations. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 41. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 249-274.
•	Konietzky, H.; Frühwirt, T.; Luge, H. (2012): A new large dynamic rockmechanical direct shear box device. , Rock Mechanics Rock Engineering, 45(3): 427-432. DOI: 10.1007/s00603-011-0214-x
•	Konietzky, H.; Frühwirt, T.; Nguyen, V.M, (2012): GS 1000: A new large rockmechanical shear box device for dynamic and HM-coupled testing under extreme strong froces. , Proc. EUROCK2012, 104: 1-9.
•	Jakob, C.; Konietzky, H.; Hüls, M. (2012): Mikromechanische Modellierung verflüssigungsempfindlicher Sande. , TU BAF, Veröffentlichung Institut für Spezialtiefbau, 3: 175-187.
•	Herbst, M.; Konietzky, H. (2012): Numerical modelling of natural rock formations to estimate stability using the example of a sandstonemassif in Saxony. , Geomechanics and Tunneling, 5(4): 379-388. DOI: 10.1002/geot.201200026

	Günther, A.; Wienhöfer, J.; Konietzky, H. (2012): Automated mapping of rock slope geometry, kinematics and stability with RSS-GIS., Natural Hazards, 61(1): 29-49. DOI: 10.1007/s11069-011-9771-2
	Chakraborti, S.; Konietzky, H.; Walter, K. (2012): A Comparative Study of Different Approaches for Factor of Safety Calculations by Shear Strength Reduction Technique for Non-linear Hoek-Brown Failure Criterion., Geotech Geol Eng, 30: 925-934. DOI: 10.1007/s10706-012-9517-2
	Chakraborti, S.; Konietzky, H.; Otparlik, K. (2012): Global and local approach of numerical shear strength reduction techniques for materials characterised by Hoek-Brown criterion: a comparative study., Proc. EUROCK2012, 124: 1-13. DOI: 10.1007/s10706-012-9517-2
	Baumgarten, L.; Konietzky, H. (2012): Stress-Strain, Strength and Failure Behaviour of Postaer Sandstone in tension and Compression Tests - Laboratory Investigations and Numerical Modelling with PFC-3D., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 41. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 41-64.
2011	
	Wang, G.; Guo, K.; Christianson, M.; Konietzky, H. (2011): Deformation characteristics of rock salt with mudstone interbeds surrounding gas and oil storage cavern., Int. J. Rock Mech. Mining Sci., 48: 871-877. DOI: 10.1016/j.ijrmms.2011.06.012
	Stahl, M.; Konietzky, H. (2011): Discrete element simulation of ballast and gravel under special consideration of grain-shape, grain size and relative density., Granular Matter, Nr. 4, S. 417-428. DOI: 10.1007/s10035-010-0239-y
	Sharma, R. H.; Konietzky, H. (2011): Experimental Study on Effects of Soil Pipe on Hillslope Water Dynamics and Slope Failure [online]., Proc. 34th World Congress of the International Association for Hydro- Environment Research and Engineering: 33rd Hydrology and Water Resources Symposium and 10th Conference on Hydraulics in Water Engineering, 1701-1708.
	Sharma, R. H.; Konietzky, H. (2011): Instrumented failure of hillslope models with soil-pipes., Geomorphology, Jahrgang: 130, Nr. 3-4, S. 272-279. DOI: 10.1016/j.geomorph.2011.04.007
	Groh, U.; Konietzky, H.; Walter, K.; M, Herbst, (2011): Damage simulationm of brittle heterogeneous materials at the grain size level., Theoretical and Applied Fracture mechanics, 55: 31-38. DOI: 10.1016/j.tafmec.2011.03.001
	Bacas, B.M; Konietzky, H.; Berini, J.C, (2011): Model and numerical analysis of the direct shear test of geomembrane/geotextile interfaces., Geotextiles and Geomembranes, Nr. 29, S. 137-148. DOI: 10.1016/j.geotexmem.2010.10.014
2010	
	Zettler, A.; Poisel, R.; Preh, A.; Konietzky, H. (2010): Tunneling in swelling rock - a solved problem ?., Geomechanics and Tunneling, Nr. 5, S. 557-566.
	Sharma, R. H.; Konietzky, H. (2010): Experiments on failure of hillslope moduls due to soil pipes., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 39. Geomechanik-Kolloquium, TU Bergakademie Freiberg, S. 175-192.
	Schmidt, F.; Sagaseta, C.; Konietzky, H. (2010): 3D analysis of a micropile for stabilizing the tunnel face of a NATM tunnel., Numerical Methods in Geotechnical Engineering, Taylor & Francis, London, S. 749-753.
	Pohl, M.; Herbst, M.; Konietzky, H. (2010): Numerische Simulation von Deckwerk in Tidegebieten., BAW-Kolloquium Forschung und Entwicklung im Küstenwasserbau 26.-27.04.2010, Hamburg, S. 39-42.
	Lunow, Ch; Konietzky, H. (2010): Numerical simulation of cutting processes., Scientific Reports on Resource Issues, Int. University of Resources, Nr. 2, S. 223-233.

•	Luge, H.; Konietzky, H.; Köhler, L. (2010): New dynamic rockmechanical direct shear box system GS-1000. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 39. Geomechanik-Kolloquium, TU Bergakademie Freiberg, S. 77-86.
•	Konietzky, H.; Groh, U.; Glaubach, U.; Herbst, M.; Luge, H.; Walter, K.; Wasowiecz, B. (2010): Untersuchungen und modelltechnische Beschreibung heterogener Strukturen aus Bindemittel und Zuschlag: Abschlussbericht des Institutes für Geotechnik und des Institutes für Bergbau und Spezialtiefbau über die im Projekt durchgeführten Arbeiten, Förderkennzeichen BMWi 02E10457, Technische Universität Bergakademie Freiberg, Institut für Geotechnik, 2010, 274 S., 79 Lit., 80 Tab., 211 Abb..
•	Konietzky, H.; Le Van, Cong, (2010): Quantitative anchor design for underground mining and tunnelling. , Mitteilungen für Ingenieurgeologie und Geomechanik, TU-Wien, 9: 135-145.
•	Herbst, M.; Pohl, M.; Konietzky, H. (2010): Numerische Simulation der Interaktion Wasser - Deckwerk im Tidegebiet. , Wasserbauliche Mitteilungen, 40: 85-94.
•	Groh, U.; Konietzky, H. (2010): Heterogene Strukturen aus Bindemittel und Zuschlag - Diskrete-Elemente-Modellierung von MgO-Beton. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 39. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 125-148.
•	Groh, U.; Konietzky, H.; Walter, K. et al, (2010): Heterogene Strukturen aus Bindemittel und Zuschlag - Untersuchungen & Modellierungen von MgO-Beton und Asphalt. , KIT.
•	Felix, M.; Görne, S.; Konietzky, H.; Walter, K. (2010): Geologische und geomechanische Modelle für die Nutzung der tiefen Erdwärme in Sachsen. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 39. Geomechanik-Kolloquium, TU Bergakademie Freiberg, 25-42.
•	Felix, M.; Förster, A.; Förster, H.-J.; Konietzky, H.; Wagner, S. (2010): Exploration strategy for a deep EGS development in low-permeable crystalline rocks (Germany). , GRC Transactions, 34: 335-338.
•	Felix, M.; Konietzky, H.; Walter, K. (2010): Geologische und geomechanische Modelle für die Nutzung der tiefen Erdwärme in Sachsen. , Veröffentlichung des Instituts für Geotechnik der TU Bergakademie Freiberg, Jahrgang: 2010-1: 25-42.
•	Felix, M.; Konietzky, H. et al, (2010): Zur Erkundung tiefer petrothermaler Systeme in Sachsen. , Proc. Geothermie-Kongress 2010.
•	Baumgarten, L.; Konietzky, H. (2010): Investigations on the fracture behaviour of rocks in a triaxial compression test. , Proc. European Conference on Fracture (ECF-18), Bundesanstalt für Materialprüfung und -forschung (BAM), Berlin, 1-9 (C.06.2-5).
•	Bacas, B.M; Canizal, J.; Konietzky, H. (2010): Shear strength behaviour of geosynthetics. , Proc. 6 ICEG, Jahrgang: New Delhi, India, New Dehli.
•	Al-Khasawneh, Y.; Konietzky, H. (2010): Interpretation and optimization of vertical shaft crushers with DEEM. , Proc. European Conference on Fracture (ECF-18), Bundesanstalt für Materialprüfung und -forschung (BAM), Berlin, 1-8 (C.06.2-4).
2009	
•	Wang, Z.L; Konietzky, H.; Shen, R.F, (2009): Coupled Finite Element and Discrete Element Method for Underground Blast in Faulted Rock Mass. , Soil Dynamics and Earthquake Engineering, 29(6): 939-945. DOI: 10.1016/j.soildyn.2008.11.002
•	Wang, Z.L; Konietzky, H.; Shen, R.F, (2009): Analytical and numerical study of P-wave attenuation in rock shelter layer. , Soil Dynamics and Earthquake Engineering, 30(1-2): 1-7. DOI: 10.1016/j.soildyn.2009.05.004
•	Wang, Z.L; Konietzky, H.; Huang, R.Y, (2009): Elastic--plastic-hydrodynamic analysis of crater blasting in steel fiber reinforced concrete. , Theoretical and Applied Fracture mechanics, 52: 111-116. DOI: 10.1016/j.tafmec.2009.08.005

•	Wang, Z.L.; Konietzky, H. (2009): Modelling of blast-induced fractures in jointed rock mass. , Engineering Fracture Mechanics, 76: 1945-1955. DOI: 10.1016/j.engfracmech.2009.05.004
•	Walter, K.; Konietzky, H.; Herbst, M. (2009): Three dimensional discrete element modelling to investigate damage and fracture development at the grain size level. , Proc. 2nd Int. Conf. on Computational Methods in Tunneling, Aedificatio Publishers, 1: 215-222.
•	Sharma, R. H.; Konietzky, H.; Ken\grqichirou, Kosugi, (2009): Numerical analysis of soil pipe effects on hillslope water dynamics. , Acta Geotechnica, 5: 33-42. DOI: 10.1007/s11440-009-0104-5
•	Sharma, R. H.; Konietzky, H. (2009): Effects on hillslope soil-pipes on pore-water pressure dynamics. , Proc. 17. Tagung Ingenieurgeologie, Hochschule Zittau, 97-100.
•	Pohl, M.; Konietzky, H.; Herbst, M.; Walter, K. (2009): Numerische Simulation von Deckwerken. , Proc. 3. Symposium Sicherung von Dämmen, Deichen und Stauanlagen, Siegen.
•	Lunow, Ch; Konietzky, H. (2009): Two dimensional simulation of the pressing and the cutting rock destruction. , Proc. 2nd Int. Conf. on Computational Methods in Tunneling, Aedificatio Publishers, 1: 223-230.
•	Konietzky, H.; Heftenberger, A.; Feige, M. (2009): Life time prediction for rocks under static compressive and tensile loads - a new simulation approach. , Acta Geotechnica, 4: 73-78. DOI: 10.1007/s11440-009-0085-4
•	Herbst, M.; Konietzky, H.; Ch., Starke; Sharma, R. H. (2009): 3D-Modellierung eines sächsischen Kreidesandsteinmassivs. , Proc. 17. Tagung Ingenieurgeologie, Hochschule Zittau, 229-232.
•	Heinicke, J.; Fischer, T.; Gaupp, R.; Götze, J.; Koch, U.; Konietzky, H.; Stanek, K. P. (2009): Hydrothermal alteration as a trigger mechanism for earthquake swarms: the Vogtland/NW Bohemia region as a case study. , Geophysical Journal International, 178(1): 1-13. DOI: 10.1111/j.1365-246X.2009.04138.x
•	Hausdorf, A.; Konietzky, H.; Fliss, T.; Dengel, A. (2009): Druckluftspeicherung in stillgelegten Salzbergwerken - Bewertung wesentlicher Einflussfaktoren auf die Dichtheit mit Hilfe numerischer Untersuchungen. , Erdöl Erdgas Kohle, 4(125): 144-151.

2008

•	Walter, K.; Konietzky, H. (2008): Room pillar dimensioning for gypsum and anhydrite mines in Germany. , Proc. of the International Conference on Advances in Mining and Tunneling 2008, Hanoi and Vietnam, S. 349-362.
•	Mucke, D.; Konietzky, H.; Frühwirt, T. (2008): Sulfatkarst und seine Folgen für Bergbau und Baugrund an Beispielen aus dem Südharz und aus Schleswig -- Holstein. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 37. Geomechanik-Kolloquium, TU Bergakademie Freiberg, Jahrgang: 2008-3, S. 111-129.
•	Kwon, J.; Tutumluer, E.; Konietzky, H. (2008): Aggregate Base Residual Stresses Affecting Geogrid Reinforced Flexible Pavement Response. , International Journal of Pavement Engineering, Nr. 9, S. 4: 275-285. DOI: 10.1080/10298430701582347
•	Konietzky, H. (2008): Numerical Simulation of Damage and Fracture Mechanical Processes. , Rocks, Scientific Bulletin of the National Mining University Dnepropetrovsk, Jahrgang: 6, S. 29-33.
•	Konietzky, H.; Baumgarten, L.; te Kamp, L. (2008): Numerische Simulationen in der Geomechanik -- ausgewählte Einblicke zum aktuellen Stand. , COG2008, S. 49-57.
•	Konietzky, H.; Schlegel, R. (2008): Using Sensitivity Analysis and Optimization for Civil Engineering and Geotechnical Applications. , Proc. 4. Weimarer Optimierungs- und Stochastiktag, S. 1-14.
•	Herbst, M.; Konietzky, H.; Walter, K. (2008): 3D Mircostructural Modeling. , Proc. of the 1st International FLAC/DEM Symposium on Numerical Modeling, S. 435-441.

	• Frühwirt, T.; Hausdorf, A.; Konietzky, H.; Heinrich, F.; Mocka, N.; Schleinig, J.-P, (2008): Selected Aspects of roof anchorage in potash mining., Scientific Bulletin of the National Mining University Dnepropetrovsk, Jahrgang: 6, S. 83-87.
	• Cong, L. V.; Konietzky, H. (2008): Analysis of rock bolt reinforcement by numerical simulations., Proc. of the International Conference on Advances in Mining and Tunneling 2008, Hanoi and Vietnam, S. 315-323.
2007	
	• te Kamp, L.; Konietzky, H.; Vietor, T. (2007): Hydro-mechanical behaviour of the rock mass during the saht sinking process: Predictions and measurements for the Meuse/Haute-Marne Underground Research Laboratory., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 35. Geomechanik-Kolloquium, TU Bergakademie Freiberg, S. 47-58.
	• Schlegel, R.; Konietzky, H.; Will, J. (2007): Optimization and Sensitivity Analysis in Mining and Geotechnical Engineering using Numerical Approaches., Buletin Resurse Minerale, Nr. 2, S. 47-54.
	• Poisel, R.; Preh, A.; Konietzky, H.; Zettler, A. (2007): Die Standsicherheit von Tunneln in quell- und schwellfähigem Gebirg., Proc. 6. Österreichische Geotechniktagung.
	• Konietzky, H.; Frühwirt, T. (2007): Zur Rolle der Rotation bei der Simulation geomechanischer Prozesse., Wissenschaftliche Mitteilungen des Institutes für Geologie der TU Bergakademie Freiberg, Jahrgang: 35, S. 261-270.
	• Hausdorf, A.; Heinrich, F.; Konietzky, H.; Mocka, N. (2007): Numerische Untersuchungen zur Stabilität geschichteter und geankerter Kammerfirsten im Kalibergbau., Kali und Steinsalz, Jahrgang: 24, Nr. 1, S. 20-25.
	• Hausdorf, A.; Le, C.; Konietzky, H. (2007): Das elasto-plastisch-verfestigende Materialverhalten von Ankerstählen im Salzbergbau und dessen numerische Modellierung., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 35. Geomechanik-Kolloquium, TU Bergakademie Freiberg, S. 101-114.
	• Hagedorn, H.; Konietzky, H. (2007): Numerical Modeling of Rock Bursts in the Multifunction Station Faido of the Gotthard Base Tunnel, Capacity Building on the Economic Principle., Proc. 2nd International seminar ECOMINING, Editura Press, S. 127-138.
	• Drebenstedt, C.; Kudla, W.; Konietzky, H.; Jung, B. (2007): Modellierung, Simulation und Visualisierung von Prozessen in Bergbau und Bauwesen., Freiburger Forschungshefte, S. 246.
2006	
	• Mcdowell, G.R; O., Harireche; Konietzky, H.; Brown, S.F; Thom, N.H, (2006): Discrete element modeling of geogrid-reinforced aggregates., Geotechnical Engineering, Nr. 159, S. 35-48. DOI: 10.1680/geng.2006.159.1.35
	• Kwon, J.; Tutumluer, E.; Konietzky, H.; Keip, M.-A, (2006): Investigation of geogrid base reinforcement mechanisms considering residual stress and confinement effects., Proc. 8th International Conference on Geosynthetics, Millpress, Rotterdam, S. 993-996.
	• Konietzky, H. (2006): Hydro-mechanical coupling: Selected aspects., 3rd Colloquium \dqRock Mechanics - Theory and Practice\dq , March 2nd-3rd 2006, Vienna.
	• Konietzky, H. (2006): Kontinuum versus Diskontinuum - Numerische Modellierungen in der Geotechnik., Workshop Numerik in der Geotechnik - Tunnel und untertägiger Hohlraumbau.
	• Konietzky, H.; Board, M.; Brummer, R. (2006): Use of numerical modeling for safe and cost - effective mine design, stability assessment and support dimensionig., Proc. Int. Conference ECOMINING-Europe in the 21st Century, Editura Press, S. 163-172.
	• Konietzky, H. (2006): Neue Erkenntnisse zur Wirkungsweise von Geogittern., Proc. Symposium Bauen in Boden und Fels, S. 559-566.

Konietzky, H. (2006): Slopes - how to determine safety, stability and deformations., Proc. Int. Conference ECOMINING-Europe in the 21st Century, Editura Press, S. 111-118.
Hausdorf, A.; Le, C.; Konietzky, H. (2006): Das elasto - plastisch - verfestigende Materialverhalten von Ankerstählen im Salzbergbau und dessen numerische Modellierung. Vortrag anlässlich des 35. Geomechanik - Kolloquiums am 17.11.2006 in Freiberg., Veröffentlichung des Instituts für Geotechnik der TU Bergakademie Freiberg, Nr. 2006-5, S. 101-114.
Bock, H.; Blümling, P.; Konietzky, H. (2006): Study of the micromechanical behaviour of the Opalinus Clay: an example of co-operation across the ground engineering disciplines., Bull. Eng. Geol. Env., Nr. 65, S. 195-207.
2005
Schlegel, R.; Konietzky, H.; Rautenstrauch, K. (2005): Mathematische Beschreibung von Mauerwerk unter statischer und dynamischer Beanspruchung im Rahmen der Diskontinuumsmechanik mit Hilfe der Distinkt Element Methode., Das Mauerwerk, Nr. 9,4, S. 143-150.
Konietzky, H. (2005): Numerical stress field modelling for underground structures., Rock mechanics with emphasis on stress, Oxford & IBH Publishing Co. Pvt. Ltd, New Dehli, S. 55-80.
Konietzky, H.; Moser, M.; Taubmann, H.; te Kamp, L. (2005): Numerische Simulation von Hangbewegungen am Beispiel der Großhangbewegung Gabel, Talsperre Schönbrunn/Thüringen., Proc. 15. Tagung Ingenieurgeologie, Friedrich-Alexander-Universität Erlangen-Nürnberg, S. 121-126.
Konietzky, H.; te Kamp, L. (2005): Hydro-mechanische Kopplung für Partikelmethode Workshop Grenzschicht Wasser und Boden., Veröffentlichung der TU Hamburg-Harburg Arbeitsbereich Geotechnik und Baubetrieb, Nr. 9, S. 121-129.
Günther, A.; Konietzky, H.; J. Wienhöfer, (2005): Incorporating GIS and numerical simulations for rock slope stability modelling., Mass Movement Hazard in Various Environments, Polish Geolog. Inst, Jahrgang: 23, Warszawa.
Billaux, D.; Konietzky, H. (2005): Key issues in discontinuum modelling of flow in fractured media., Proc. 11th International Conference of the International Association of Computer Methods and Advances in Geomechanics (IACMAG), Patron Editore, S. 361-371.
2004
Witter, W.; Konietzky, H. (2004): Hangrutschungsrisiko an der Talsperre Schönbrunn., Wasserbauliche Mitteilungen des Instituts für Wasserbau und THM der TU Dresden, Nr. 27, S. 1-19.
Konietzky, H.; Gröger, T. (2004): Simulations of Particle Systems in Engineering and Science via PFC., Proc. PARTEC-2004.
Konietzky, H.; Gröger, T.; te Kamp, L. (2004): Simulation of time-dependend damage and microfracturing via particle methods: Continuum and Distinct Element Numerical Modelling in Geo-Engeneering., Proc. ICLODC 2004, SFB 398 Ruhr-University Bochum, S. 131-140.
Konietzky, H.; Lorenz, K.; Stötzner, U. (2004): Die Standsicherheit von Stauraumhängen unter extremen Niederschlagsszenarien: Rückrechnungen und Prognosen., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg zum 33. Geomechanik-Kolloquium, TU Bergakademie Freiberg, Jahrgang: 2004-4, S. 201-214.
Konietzky, H.; Lorenz, K.; Witter, W. (2004): Simulation of landslide movements based on a multidisciplinary approach., Felsbau, Nr. 22-2, S. 23-32.
Konietzky, H.; Lorenz, K.; Witter, W. (2004): Complex 3D landslide simulation., Proc. of the 9. International Symposium on Landslides, A.A. Balkema, Jahrgang: 2, S. 1053-1059.
Konietzky, H. (ed.), (2004): Numerical Modeling of Discrete Materials in Geotechnical Engineering., A.A. Balkema.

•	Konietzky, H.; te Kamp, L.; Jenner, C. (2004): Use of DEM to model the interlocking effect of geogrids under static and cyclic loading. , Numerical Modeling in Micromechanics via Particle Methods, A.A. Balkema, S. 3-11.
•	Konietzky, H.; Rummel, F. (2004): In situ stress field measurements and stress field modelling. , Mitteilungen für Ingenieurgeologie und Geomechanik der TU Wien, S. 46-54.
•	Konietzky, H.; te Kamp, L.; Hagedorn, H. (2004): The Gotthard-Base-Tunnel: Conceptual modeling for tunneling extremely weak zones. , Numerical Modeling of Discrete Materials in Geotechnical Engineering, A.A. Balkema, S. 21-27.
•	Heinrich, F.; Konietzky, H.; Hausdorf, A. (2004): Numerische Untersuchungen ausgewählter Einflussfaktoren auf die Stabilität geankerter Firsten beim Abbau flach einfallender Kaliflöße. , Veröffentlichung des Instituts für Geotechnik der TU Bergakademie Freiberg, Jahrgang: 2004 - 4, S. 127-160.
•	Hausdorf, A.; Heinrich, F.; Konietzky, H. (2004): The elasto-plastic material behavior of rock anchors with hardening and its application in mining. , Proc. of the 1st International UDEC / 3DEC Symposium, S. 199-207.
•	Blümling, P.; Konietzky, H. (2004): Calibration and verification of a constitutive law for Opalinus Clay - Results from laboratory and in-situ tests. , Mitteilungen für Ingenieurgeologie und Geomechanik der TU Wien, S. 88-95.

2003

•	Wileveau, Y.; Come, B.; Konietzky, H.; Lebon, P. (2003): In situ measurements and EDZ analysis in vertical shaft of the Meuse/Haute-Marne underground research laboratory: application to the Kimmerigian Marls. , Proc. European Commission Cluster Conference on Impact of EDZ on the performance of radioactive waste geological repositories, S. 237-241.
•	Konietzky, H. (2003): Tonsteine als Endlagerwirtsgestein, Geotechnik-Kolloquium TU Bergakademie Freiberg, 23.5.2003. , Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg, Nr. 2003-2, S. 211-221.
•	Konietzky, H. (2003): New numerical simulation techniques for eco-efficient and intelligent mineral processing and mining excavations. , Proc. EU-Conference on Research and Technical Development for a sustainable extractive industry, NESMI-Print.
•	Konietzky, H. (2003): Partikelmodelle revolutionieren die numerischen Simulationstechniken. , Simulation, Nr. 1(2003), S. 63-65.
•	Konietzky, H. (2003): Simulation der Bodenverdichtung: Kontinuumsmechanik versus Partikelmethoden, Workshop Bodenverdichtung, 23.9.2003, TU Hamburg-Harburg. , Veröffentlichung der TU Hamburg-Harburg Arbeitsbereich Geotechnik und Baubetrieb, Nr. 5, S. 109-132.
•	Konietzky, H. (ed.), (2003): Numerical modeling in Micromechanics via Particle Methods. , A.A. Balkema.
•	Blümling, P.; Konietzky, H. (2003): Development of an excavation disturbed zone in claystone (Opalinus Clay). , Proc. Int. Symposium on Geotechnical Measurements and Modelling, A.A.Balkema Publishers, S. 127-132.

2002

•	te Kamp, L.; Konietzky, H. (2002): Conceptual Micromechanical simulation of stiff clay using particle methods. , Proc. 5th European Conference on Numerical Methods in Geotechnical Engineering, LCPC-Press, Paris, S. 315-320.
•	te Kamp, L.; Konietzky, H.; Groeger, T. (2002): Particle Methods - a new numerical approach in engineering and science. , Proc. 20. CADEFM User/grqs Meeting 2002, Jahrgang: 2, S. lecture 2.9.5 (13 pages).
•	Konietzky, H. (2002): Numerische Simulation von werkstoff- und verfahrenstechnischen Prozessen mittels Partikelmethoden. , Tagungsband zum 5. Werkstofftechnischen Kolloquium Chemnitz, Eigenverlag TU Chemnitz, Jahrgang: 11, S. 121-126.
•	Konietzky, H.; te Kamp, L.; Bertrand, G. (2002): Modeling of cyclic fatigue under tension with PFC. , Proc. International Conference on Numerical Modeling in Micromechanics via Particle Methods, A.A. Balkema, Rotterdam, S. 101-105.

	Hainbüchner, E.; Potthoff, S.; Konietzky, H.; te Kamp, L. (2002): Particle based modeling of shear box tests and stability problems for slab foundations in sand., Proc. International Conference on Numerical Modeling in Micromechanics via Particle Methods, A.A. Balkema, Rotterdam, S. 151-156.
2001	
	te Kamp, L.; Konietzky, H. (2001): Simulation of Damage Mechanical Processes using Particle Methods., Proc. 19. CADEFM User\grqs Meeting 2001, Jahrgang: 1, S. 8 (lecture 1.1.13).
	Minkley, W.; Menzel, W.; Konietzky, H.; te Kamp, L. (2001): A visco-elasto-plastic softening model and its application for solving static and dynamic stability problems in potash mining., Proc. 2nd FLAC Symposium \grqNumerical Modeling in Geomechanics\grq, A.A. Balkema, Lyon, S. 21-27.
	Kreienmeyer, I.; Müller-Höppe, N.; te Kamp, L.; Konietzky, H. (2001): Development of a parallel version of FLAC3D and it\grqs application for the modelling of large thermo-mechanical coupled systems., Proc. EUROCK2000, Verlag Glückauf Essen, S. 675-680.
	Konietzky, H. (2001): Numerische Simulationen in der Geomechanik mittels expliziter Verfahren., Veröffentlichungen des Instituts für Geotechnik der TU Bergakademie Freiberg, Nr. 2001-2, S. 358.
	Konietzky, H.; Will, J.; Heinrich, J. (2001): 3-Dimensional dynamic hydro-mechanical coupled analysis of the structure-soil interaction for the TRANSPRAPID system., Proc. 15th International Conference on Soil Mechanics and Geotechnical Engineering, A.A. Balkema, Jahrgang: 3, S. 2117-2121.
	Konietzky, H.; Will, J.; Heinrich, J. (2001): Coupled Three-Dimensional Analysis of the Slab Foundation for the Magnetic Levitation Transportation System (TRANSPRAPID) in Germany., Proc. International Conference 'Foundations and Ground Improvement', Jahrgang: 113, S. 500-513.
	Konietzky, H.; te Kamp, L.; Kreienmeyer, M.; Müller-Höppe, N. (2001): A thermo-mechanical constitutive law for modeling the hydration of concrete and backfill and it\grqs practical application using the parallel version of FLAC3D., Proc. 2nd FLAC Symposium \grqNumerical Modeling in Geomechanics\grq, A.A. Balkema, Lyon, S. 15-20. DOI: 10.1016/S0266-352X(01)00009-X
	Konietzky, H.; te Kamp, L.; Hammer, H.; Niedermeyer, S. (2001): Numerical modelling of in situ stress conditions as an aid in route selection for rail tunnels in complex geological formations in South Germany., Computers and Geosciences, Nr. 28, S. 495-516.
	Konietzky, H.; te Kamp, L.; Blümling, P.; Mayor, J.C. (2001): Micro-mechanical analysis of excavation disturbed zones around tunnels., Proc. 10th International Conference 'Computer Methods and Advances in Geomechanics', A.A. Balkema, Jahrgang: 1, S. 543-546.
1999	
	te Kamp, L.; Konietzky, H.; Blümling, P. (1999): Three-dimensional calibrated stress field modelling for the planned Wellenberg repository in Switzerland., Proc. VII International NUMOG Symposium ,Numerical Models in Geomechanics, A.A. Balkema, Rotterdam, S. 385-390.
	te Kamp, L.; Konietzky, H.; Blümling, P.; Ando, K.; Mayor, J.C. (1999): Micromechanical backanalysis of lab tests on rocks, Numerical Models in Geomechanics., Proc. VII International NUMOG Symposium ,Numerical Models in Geomechanics, A.A. Balkema, Rotterdam, S. 411-416.
	Konietzky, H. (1999): Mechanisch-hydraulisch gekoppelte Modellierungen mit expliziten Berechnungsstrategien., 2. Workshop Kluft-Aquifere, Shaker-Verlag, Aachen, S. 73-87.
	Konietzky, H. (1999): Simulation von Injektions- und Fracprozessen., 1st International Congress for Grouting Technique in Mining and Civil Engineering, Verlag Glückauf Essen, S. 151-159.
	Konietzky, H.; te Kamp, L.; Snuparek, R.; Rakowski, Z. (1999): Thermo-mechanical coupled scoping calculations for tunnels, FLAC and Numerical Modeling in Geomechanics., Proceedings FLAC Symposium \glqNumerical Modeling in Geomechanics', A.A. Balkema, Rotterdam, S. 325-329.

	Konietzky, H.; te Kamp, L.; Kamlot, P. (1999): A simple procedure to model flow through fractures and double porosity, FLAC and Numerical Modeling in Geomechanics., Proceedings FLAC Symposium \glqNumerical Modeling in Geomechanics', A.A. Balkema, Rotterdam, S. 141-145.
	Kleier, A.J.; Schumacher, L.; Kleinschrodt, H.D; Konietzky, H.; te Kamp, L.; Aichinger, G. (1999): Diskontinuumsmechanische Modellierung verfahrenstechnischer Prozesse mittels PFC - dargestellt am Beispiel der Feststoffströmung in einem COREX-Reduktionsschacht., Proc. 17. CADFEM User Meeting, S. 1-9.
	Ando, K.; Kawamura, H.; Tanaka, T.; Blümling, P.; Thury, M.; Konietzky, H.; te Kamp, L. (1999): Long-term stability of disposal tunnel of sedimentary hist rock - evaluation for deformation mechanism using Opalinus Clay in Mt. Terri., Proc. 7th International Conference on Radioactive Waste Management and Waste Remediation (99ICEM).
1998	
	te Kamp, L.; Konietzky, H. (1998): PFC - Eine neue Strategie zur numerischen Modellierung., Proc. 16. CADFEM User Meeting, S. 1/1-1/11.
	te Kamp, L.; Konietzky, H.; Guerin, F. (1998): Modeling of the Chagan underground nuclear test with the distinct element method., FRAGBLAST, Nr. 2, S. 295-312.
	Will, J.; Konietzky, H. (1998): Neue Techniken der Numerik zur Berechnung von Felsböschungen., Felsbau, Nr. 16-3, S. 155-167.
	Salzer, K.; Konietzky, H.; Günther, R.-M, (1998): A new creep law tp describe the transient and secondary creep phase, Application of Numerical Methods to Geotechnical Problems., Proc. of the Fourth European Conference on Numerical Methods in Geotechnical Engineering, Springer, Wien New-York, S. 377-387.
	Müller, G.; Konietzky, H. (1998): Modellierung mechanischer Verfahrensprozesse: Prozeßoptimierung durch Simulation., Die Ernährungsindustrie, Nr. 7+8/98, S. 12-14.
	Konietzky, H.; Müller, G. (1998): Auf das Einfache reduziert., Pharma-Process, S. 48-50.
1997	
	Konietzky, H.; P, Marschall, (1997): Excavation disturbed zone around tunnels in fractured rock - Example form the Grimsel Test Site (Switzerland)., Geomechanics\grq96, A.A. Balkema, Rotterdam, S. 235-240.
1996	
	Konietzky, H.; Blümling, P. (1996): In situ stress field in the Wellenberg area., Nagra Bulletin, Nr. 26, S. 38-47.
	Cundall, P.; Konietzky, H.; Potyondy, D. (1996): PFC - ein neues Werkzeug für numerische Modellierungen., Bautechnik, Nr. 73-8, S. 492-500.
1995	
	Konietzky, H.; Billaux, D.; Memier, B. (1995): Use of numerical models in tunneling., Proc. of the Conference on Geotechnical Engineering in Transportation Projects, Jahrgang: 2, S. 105-115.
1994	
	Konietzky, H. (1994): Numerical modelling of the behaviour of soft ground for a near-surface tunneling project in the Rhine/Ruhr district., Interfels News, Nr. 9, S. 1-10.
	Konietzky, H.; Roger, D.; Billaux, D. (1994): Mathematische Modellierung von geklüftetem Fels., Felsbau, Nr. 6, S. 395-400.

1993

- Konietzky, H.; Billaux, D.; Kastner, R.; Meney, P. (1993): **Non-linearities in soil mechanics - case histories.**, Geomechanics\grq93, A.A. Balkema, Rotterdam, S. 193-198.
- Konietzky, H.; Rummel, F. (1993): **Kalibrierte numerische Spannungsfeldmodellierungen.**, Geotechnik, Nr. 16, S. 6-11.

1992

- Konietzky, H.; Rummel, F.; Williams, A. (1992): **Stress field estimation in Hongkong using the method of hydraulic fracturing.**, Proc. ISRM-Symposium EUROCK'92, Thomas Telford, London, S. 141-146.
- Brox, D.; Konietzky, H.; Rummel, F. (1992): **In Situ stress measurements using hydraulic fracturing in jointed rock mass in Hongkong.**, Proc. 6th Australia New Zealand Conference on Geomechanics 'Geotechnical Rise - Identification, Evaluation and Solutions', New Zealand Geomechanics Society, S. 231-235.

1990

- Stoll, R.; Konietzky, H. (1990): **Einige praktische Resultate und Hinweise zur Spannungsakustik.**, Gerlands Beiträge Geophysik, Nr. 99-2, S. 175-178.
- Konietzky, H. (1990): **Zur Konstanz des seismisch ermittelten stress drops - ein Diskussionsbeitrag.**, Neue Bergbautechnik, Nr. 20, S. 152-153.
- Konietzky, H. (1990): **Results concerning source parameters and hazard evaluation of mining tremors in a deep level mine by means of an automatic seismic monitoring system.**, Proc. 4th International Symposium Analysis of Seismicity and Seismic Risk, Czechoslovak Academy of Science, Jahrgang: 1, S. 557-563.
- Konietzky, H. (1990): **Classification of seismic events in a mining area in the Erzgebirge mountains of the GDR.**, Gerlands Beiträge Geophysik, Nr. 99-2, S. 169-174.
- Konietzky, H. (1990): **Locating of seismic sources in rock masses and the determination of source parameters.**, Gerlands Beiträge Geophysik, Nr. 99-1, S. 44-53.

1989

- Stoll, R.; Konietzky, H.; Dunger, G. (1989): **Seismoakustik im Erzbergbau.**, Publication of the Institute of Physics of the Earth, Nr. 108, S. 120.