

EGU2010 – Personal Programme

Monday, 03 May 2010

- 08:45–09:00 [EGU2010-2366](#), Oral, Session SSP4.6, Room 41
Holger Gebhardt, Oliver Friedrich, Bettina Schenk, Lyndsey Fox, Malcolm Hart, and Michael Wagreich
Starvation when everywhere else was plenty: Was the northern Penninic Ocean an inhospitable desert during OAE 2?
- 10:45–11:00 [EGU2010-5310](#), Oral, Session G15, Room 2
Dana Homolova, Johanna Lomax, Ivan Prachar, Petr Spacek, Andras Zamolyi, and Kurt Decker
Can we follow the neotectonic activity of the Hluboká-fault by reconstructing the evolution of the Vltava river course? - Mapping of fluvial terraces around the Budejovice-basin using historic maps
- 14:45–15:00 [EGU2010-10525](#), Oral, Session TS2.2/NH4.7/SM2.1, Room 30
Bernhard Grasemann
Field-based perspective on fault rock evolution and microstructures in low-angle fault zones (W-Cyclades, Greece) (solicited)
- 16:15–16:30 [EGU2010-2681](#), Oral, Session MPRG15/TS2.5, Room 42
Ulrike Exner and Bernhard Grasemann
Deformation bands in gravels: influence of grain size on displacement/length scaling
- 16:30–16:45 [EGU2010-8312](#), Oral, Session TS8.2/SM7.2, Room 32
Kurt Decker, Andreas Beidinger, and Esther Hintersberger
A fault kinematic based assessment of Maximum Credible Earthquake magnitudes for the slow Vienna Basin Fault
- 17:30–19:00 [EGU2010-9310](#), Poster, Session MPRG14/TS2.4, Hall A, No. A377
Alexander Rath, Ulrike Exner, and Bernhard Graseman
Variation of petrophysical properties in deformation bands in calc-arenites (Leithakalk, Eastern Austria)
- 17:30–19:00 [EGU2010-8905](#), Poster, Session SSP1.1, Hall A, No. A436
Brigitte Pestitschek, Susanne Gier, Mahmoud Essa, and Johannes Kurzweil
The Cretaceous glauconitic sandstones of Abu Tartur, Egypt
- 17:30–19:00 [EGU2010-2685](#), Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A496
Ulrike Exner and Cornelius Tschegg
Microstructure preserving cryo-sampling of friable faults
- 17:30–19:00 [EGU2010-4196](#), Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A502
Jasmin Kaiser, Ulrike Exner, Susanne Gier, and Wolfgang Hujer
Mechanical and mineralogical modifications of petrophysical parameters by deformation bands in a hydrocarbon reservoir (Matzen, Austria)
- 17:30–19:00 [EGU2010-5112](#), Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A503
Helene Bauer and Kurt Decker
Fault architecture, fault rocks and fault rock properties in carbonate rocks
- 17:30–19:00 [EGU2010-9302](#), Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A513

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Monika Müller, Bernhard Grasemann, and Christoph Iglseder
Field and micro-structural record of fault rock evolution within a low-angle normal fault system (Kea, Greece)

- 17:30–19:00 EGU2010-9975, Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A515
M. Rockenschaub, B. Grasemann, C. Iglseder, A. H. N. Rice, D. Schneider, and A. Zamolyi
A brittle-ductile high- and low-angle fault related to the Kea extensional detachment (W Cyclades., Greece)
- 17:30–19:00 EGU2010-10722, Poster, Session TS2.2/NH4.7/SM2.1, Hall A, No. A516
Cornelius Tschegg, Bernhard Grasemann, and Marcel Frehner
The transition of boudinage into brittle low-angle faults - chemical and mechanical feedback mechanisms
- 17:30–19:00 EGU2010-9974, Poster, Session G15, Halls X/Y, No. XY538
András Zámolyi, Balázs Székely, and Sándor Biszak
Assessing the accuracy of the Second Military Survey for the Doren Landslide (Vorarlberg, Austria)

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Tuesday, 04 May 2010

- 14:00–14:15 [EGU2010-2741](#), Oral, Session SM1.1, Room 28
Marcel Frehner, Holger Steeb, and Stefan M. Schmalholz
Wave velocity dispersion and attenuation in media exhibiting internal oscillations
- 15:30–17:00 [EGU2010-10097](#), Poster, Session GD2.1/SSP1.3/TS4.8, Hall A, No. A41
András Zámolyi, Eun Young Lee, Andreas Beidinger, Maria Hoprich, Philipp Strauss, and Kurt Decker
Miocene deformation of the central Vienna Basin (Austria-Slovakia)
- 15:30–17:00 [EGU2010-2159](#), Poster, Session GD2.1/SSP1.3/TS4.8, Hall A, No. A60
EunYoung Lee
Subsidence history of the eastern Northern South Yellow Sea Basin, offshore Korea
- 17:30–19:00 [EGU2010-991](#), Poster, Session TS4.1/G22/GD2.4/GM5.2/SM1.4, Hall A, No. A458
Judit Gál, Gábor Kovács, András Zámolyi, Lénárd Pál, and Balázs Székely
Delineation of uplifting and subsiding zones in the Western Pannonian Basin using sinosity analysis
- 17:30–19:00 [EGU2010-6336](#), Poster, Session TS4.1/G22/GD2.4/GM5.2/SM1.4, Hall A, No. A460
Mag. Angelika Popotnig and Dr. Kurt Decker
Geomorphological analyses of the Lavanttal Fault, Austria
- 17:30–19:00 [EGU2010-14114](#), Poster, Session TS6.5/GD5.10/GMPV55, Hall A, No. A522
Jonas Weil, Konstantin Petrakakis, Bernhard Grasemann, and Christoph Iglseider
Blueschists and eclogites from southern Sifnos (Cyclades, Greece)
- 17:30–19:00 [EGU2010-9875](#), Poster, Session GM2.2, Hall XL, No. XL33
András Zámolyi, Balázs Székely, Gábor Molnár, Andreas Roncat, Peter Dorninger, Angelika Pocsai, Marek Wyszowski, and Peter Drexel
Comparison of LiDAR-derived directional topographic features with geologic field evidence: a case study of Doren landslide (Vorarlberg, Austria)
- 17:30–19:00 [EGU2010-15115](#), Poster, Session GM2.2, Hall XL, No. XL36
Andreas Roncat, Peter Dorninger, Thomas Melzer, Gábor Molnár, Norbert Pfeifer, Balázs Székely, András Zámolyi, and Peter Drexel
Effect of the acquisition geometry of Airborne and Terrestrial Laser Scanning on high-resolution outlining of microtopographic landforms
- 17:30–19:00 [EGU2010-13613](#), Poster, Session GM2.2, Hall XL, No. XL42
Peter Dorninger, Balázs Székely, András Zámolyi, and Clemens Nothegger
Automated Detection of Geomorphic Features in LiDAR Point Clouds of Various Spatial Density
- 17:30–19:00 [EGU2010-12729](#), Poster, Session GM4.1, Hall XL, No. XL69
E. Draganits, M. Zuschin, S. Gier, and L. Bickel
Pleistocene sand ramp deposits in the Aegean (Cyclades, Greece)
- 17:30–19:00 [EGU2010-11440](#), Poster, Session SM4.2/NH4.9, Hall Z, No. Z156
Asma Nasir, Wolfgang Lenhardt, Esther Hintersberger, and Kurt Decker
Assessing the completeness of historical earthquake records in Austria and

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surrounding Central Europe

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Wednesday, 05 May 2010

- 17:30–19:00 [EGU2010-3284](#), Poster, Session SSP2.2, Hall A, No. A399
Gerald Hofer and Michael Wagreich
An ophiolitic provenance for a freshwater influenced Upper Cretaceous succession (Gosau-Group, Austria) inferred by trace elements
- 17:30–19:00 [EGU2010-2673](#), Poster, Session TS9.2/GD2.6, Hall A, No. A496
Ulrike Exner, Marcel Frehner, Neil S. Mancktelow, and Djordje Grujic
Why homogeneous boundary conditions lead to heterogeneous internal strain in analogue simple shear experiments - explained by numerical modeling
- 17:30–19:00 [EGU2010-9762](#), Poster, Session TS9.2/GD2.6, Hall A, No. A506
Christoph Tuitz, Ulrike Exner, Bernhard Grasemann, and Alexander Preh
Who cracked the pebbles in the gravel pit - lithostatic pressure or a bunch of faults?

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Thursday, 06 May 2010

- 17:30–19:00 [EGU2010-11666](#), Poster, Session IG1, Hall A, No. A325
L. Bickel, E. Draganits, S. Gier, and M. Zuschin
Vertebrate trackways in Pleistocene eolianites on Antiparos (Cyclades, Greece)
- 17:30–19:00 [EGU2010-6804](#), Poster, Session TS4.5/GM5.6, Hall A, No. A393
Andreas Beidinger, Kurt Decker, Andras Zamolyi, Eun Young Lee, Maria Hoprich, and Philipp Strauss
Oligocene to Miocene kinematics of the Outer West Carpathians and the Vienna Basin area
- 17:30–19:00 [EGU2010-12597](#), Poster, Session TS4.5/GM5.6, Hall A, No. A394
Cigdem Erkmen and Bernhard Grasemann
Pre-Badenium exhumation of the Leithagebirgs-Horst (Vienna Basin, Austria)
- 17:30–19:00 [EGU2010-13602](#), Poster, Session TS4.5/GM5.6, Hall A, No. A403
Gerlinde Habler, Martin Thöni, Bernhard Grasemann, Helmuth Sölva, and Gianluca Cotza
Deformation in the hanging wall of Cretaceous HP rocks (Austroalpine Ötztal-Stubai Complex, European Eastern Alps): constraints on timing, conditions and kinematics
- 17:30–19:00 [EGU2010-11041](#), Poster, Session TS6.1/G18/GD5.4, Hall A, No. A426
A. H. N. Rice, B. Grasemann, D. Schneider, I. Lenauer, and G. Laner
Deformation patterns, reworking and low-angled extension on Kythnos, W. Cyclades
- 17:30–19:00 [EGU2010-12999](#), Poster, Session TS6.1/G18/GD5.4, Hall A, No. A427
Christoph Iglseder, Bernhard Grasemann, Dave A. Schneider, Carley A. Senkowski, and Dani Stöckli
Cenozoic Evolution of the West Cycladic Detachment System
- 17:30–19:00 [EGU2010-98](#), Poster, Session TS6.1/G18/GD5.4, Hall A, No. A481
Basanta Raj Adhikari, Michael Wagneich, Ilse Draxler, and Khum N. Paudyal
Neogene vegetation and past climate change in the Thakkhola-Mustang Graben (central Nepal).
- 17:30–19:00 [EGU2010-13732](#), Poster, Session HS2.2/GM4.5, Hall A, No. A73
Bernhard Salcher, Johanna Lomax, Florian Kober, and Michael Wagneich
Effects of extreme climate change on the erosion of non glaciated Alpine catchments during a glacial cycle
- 17:30–19:00 [EGU2010-4127](#), Poster, Session SM2.2/GD2.15/HS13.9/NH4.13/TS2.6, Hall XL, No. XL270
Darko Spahi? Ulrike Exner, and Bernhard Grasemann
3D fault drag characterization: an import tool in a fault description

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Friday, 07 May 2010

- 10:30–12:00 [EGU2010-10825](#), Poster, Session TS2.1, Hall A, No. A395
A. H. N. Rice
Transition from external imbricate zone to foreland thrust sheet in the Caledonides, N. Scandinavia
- 10:30–12:00 [EGU2010-3497](#), Poster, Session TS6.3, Hall A, No. A426
Daniel Reif, Bernhard Grasemann, and Duncan Lockhart
Balancing cross-sections combining field work and remote sensing data using LithoTect software in the Zagros fold-and-thrust belt, N Iraq.
- 10:30–12:00 [EGU2010-6462](#), Poster, Session TS6.3, Hall A, No. A427
Nikolaus Bartl, Bernhard Bretis, Bernhard Grasemann, and Duncan Lockhart
Non-cylindrical fold growth in the Zagros fold and thrust belt (Kurdistan, NE-Iraq)
- 10:30–12:00 [EGU2010-2688](#), Poster, Session TS6.3, Hall A, No. A431
Marcel Frehner, Daniel Reif, and Bernhard Grasemann
Mechanical restoration of large-scale folded multilayers using the finite element method: Application to the Zagros Simply Folded Belt, N-Iraq
- 10:30–12:00 [EGU2010-9155](#), Poster, Session TS8.3/G8/SM2.8, Hall A, No. A471
Esther Hintersberger, Kurt Decker, and Johanna Lomax
Results from the first paleoseismological trenches in the Vienna Basin, Austria
- 13:30–15:00 [EGU2010-12537](#), Poster, Session TS1.1, Hall A, No. A357
Helga Zeitlhofer, Konstantin Petrakakis, and Christoph Iglseider
The Strudengau Shear Zone; a new Late Variscan low-angled ductile shear zone in the S Moldanubian Zone (Austria)
- 14:45–15:00 [EGU2010-9343](#), Oral, Session TS6.3, Room 32
Bernhard Bretis, Nikolaus Bartl, Bernhard Grasemann, and Duncan Lockhart
Quantification of fold growth of frontal antiforms in the Zagros fold and thrust belt (Kurdistan, NE Iraq)
- 15:30–17:00 [EGU2010-11828](#), Poster, Session BG7.3/ERE3.2, Poster Area BG, No. BG98
Andrea Schicker, Susanne Gier, and Ulrich Herzog
Clay mineralogy of the malmian source rock of the Vienna Basin: Effects on shale gas exploration?