

**Report of the 9<sup>th</sup> annual meeting of the  
German Young Geomorphologists**

**“International Young Geomorphologists’ Workshop”**

**in Heimbach-Hergarten, Eifel-Nationalpark**

**May 8<sup>th</sup> – 10<sup>th</sup> 2015**

**WORKSHOP PROGRAM**

**Friday, 8/05/2015**

- 17:00**            **Welcome Coffee**
- 17:30**            **Get to know the program and the group**  
Let’s learn some names and share a drink
- 18:00**            *Dinner*
- 19:30**            **Late night shorts (“3 plus 1”) and posters – Convener: Sabine Kraushaar**

You have THREE minutes to present your topic on three slides (maximum) and you’ll be allowed ONE question from the audience. After the “3 plus 1” session we’ll continue discussing the posters with some cool drinks.

- 19:35            Martin Weber (Innsbruck): Inter- and Intra-annual variability of fluvial sediment transport in the proglacial river Riffler Bach (Weißseeferner, Ötztal Als, Tyrol)
- 19:40            Anna Schoch (Bonn): Spatial distribution of sediment storage in the Upper Rhone Valley, Switzerland
- 19:45            Igor Obrecht (Aachen): Sedimentological dynamics of the Orlovat loess-paleosol sequence (Northern Serbia) show both local and regional paleoenvironmental fluctuations
- 19:50            Simon Meyer Heintze (Würzburg): The loess-paleosol sequence Krems-Wachtberg East - Reconstructing paleoenvironmental conditions during the MIS3/2 transition based on a high-resolution multi-methodological approach
- 19:55            Veit Nottebaum (Aachen): The aeolian sedimentary system along the transition between Qilian Shan and northwestern Chinese deserts
- 20:00            Joerg Zens (Aachen): Integrating age information from different localities for stratigraphic marker beds: discussion of the Eltville Tephra (western Europe) age

- 20:05 Stefan Wirtz (Trier): Smartstones: a small e-compass, accelerometer and gyroscope embedded in stones
- 20:10 Miriam Marzen & Thomas Iserloh (Trier): Particle transport patterns of short-distance soil erosion by wind-driven rain, rain and wind
- 20:15 Christoph Kappler (GFZ Potsdam): Rapid assessment of dating of terrestrial geoarchives in an old man-made landscape using a portable OSL reader
- 20:20 Bradley Sparkes (Northumbria): Monitoring and Characterising Debris Flows in the Scottish Highlands
- 20:25 Rupert Brainbridge (Northumbria): Landslide censoring: Tracing the fluvial dispersion of rock-avalanche fines within the Southern Alps, New Zealand
- 20:30 Declan Walters (Manchester): Searching for a topographic signature of climate: insights from numerical modelling
- 20:35 Raphael Steup (Gießen): Characterization of natural quartz samples of different genesis and origin using element analyses techniques

**21:00 (Hot) Discussions and (cool) drinks next to your posters**

### **Saturday, 24/05/2014**

08:00 *Breakfast*

**08:30 Wakeup talk – Keynote lecture by Prof. Sean Willet (ETH Zurich):**

"River network response to tectonic forcing"

10:30 *Break*

**11:00 Keynote by Prof. Frank Lehmkuhl (RWTH Aachen):**

"Geomorphology: Processes and landscape evolution for geoecology, hydrology and geoarcheology. Examples from the Eifel Mountains towards the lower Rhine Embayment, Western Germany"

**12:00 Field trip to the surrounding Eifel Mountains (Prof. W. Römer, RWTH Aachen)**

~16:00 *Return from field trip*

**17:00 Session I: *Mass movement*- Convener: Julia Meister**

You have 20 minutes for your topic, so make your talk short and to the point and have plenty of time for discussion!

17:00 Adrian Slee (Queensland): Mass movement and periglacial landforms of northern, New South Wales; what do they tell us about past climatic conditions?

17:20 Bamidele Ayoniyi (Vienna): Development and application of web-based spatiotemporal database for landslide early warning system

17:40 Mark Allan (Northumbria): High resolution change detection for quantifying the magnitude-frequency of landslides above and around glaciers in the Alps

**18:00 Leisure time and dinner**

**19:00 Election of YG-speaker's board**

**Sunday, 25/05/2014**

08:00 *Breakfast*

**09:00 Session II: *Periglacial processes and erosion studies* – Convener: Jan Blöthe**

You have 20 minutes for your topic, so make your talk short and to the point and have plenty of time for discussion!

09:00 Christian Halla (Bonn): Rock glacier permafrost in the Central Andes of Argentina

09:20 Hanne Hendrickx (Ghent): Studying geomorphic responses to permafrost thawing under rapid climate change: the case of the Russian Altai Mountains

09:40 Karoline Messenzehl (Bonn): Regional scale controls of periglacial rockfalls (Turtmann Valley, Swiss Alps)

10:00 Armaury Frankl (Ghent): Image-based modelling: a recently developed methodology and potential in erosion studies

**11:00 Session III: *Arid region sedimentology & Fluvial processes* – Convener: Philipp Schulte**

You have 20 minutes for your topic, so make your talk short and to the point and have plenty of time for discussion!

11:00 Kaifeng Yu (Aachen): A robust geochemical approach to discriminate sediment archives and sedimentary processes.

11:20 Andrea Junge (Gießen): Reconstruction of settlement activities and following sediment accumulation processes of Bronze Age settlements in the Negev (Israel) using OSL-dating

11:40 Henning Baewert (Halle): Determination of surface roughness of a proglacial floodplain using TLS data. What to consider!

**12:00 Give us what we deserve!**

We need your opinion on what you liked and disliked!

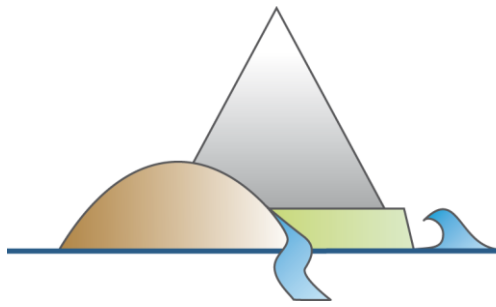
13:30 *Lunch*

**14:30 Goodbye and some final remarks**

## List of Participants:

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