



**10<sup>th</sup> International Young  
Geomorphologists Meeting  
Werbellinsee, 27.-29.05.2016**

**PROGRAM**

**Friday, 27/05/2016**

- 16:00**      **Arrival**
- 17:00**      **Get to know the program and the group**  
Let's learn some names and share a drink
- 18:00**      *Dinner*
- 19:30**      **Keynote: Prof. Niels Hovius (GFZ Potsdam): The Geophysics and Geochemistry of Geomorphology:** why surface processes matter in the big picture, and how we use scary tools to learn about them.
- 21:00**      **Late night shorts ("30 second madness") and poster session – Convener: Julia Meister**

You have 30 SECONDS to present your topic on one slide. After the short introductions we'll continue discussing the posters with some cool drinks.

*Fabian Becker* (Berlin): Geomorphology of iron smelting on Elba Island, Tuscany.

*Hannah Berger* (Bonn): Quantifying an active landslide on the Swabian Alb.

*Verena Czarnowsky* (Leipzig): Characterization of perennial and episodic springs with stable isotope signatures in the Kaunertal Valley, Austria.

*Chris Halla* (Bonn): Morphology and internal structure of the Morenas Coloradas rock glacier complex, Central Andes, Argentina.

*Jacob Hardt* (Berlin): The Frankfurt phase - Geomorphological and geochronological investigations to reassess a "classical" ice marginal position in NE Germany.

*Andrea Junge* (Gießen): Pre-occupation – occupation – post-occupation: Dating sediments associated with ancient settlement structures in Israel to reconstruct human activity.

*Christoph Kappler* (Potsdam): Evaluating the timing of Late Quaternary geomorphodynamics and soil formation: a review of geochronological data from northeastern central Europe.

*Mario Kirchhoff* (Trier): Argan woodlands in South Morocco as an area of conflict between degradation and sustainable land use.

*Lisa Luna* (Potsdam): Multi-isotope comparison of <sup>3</sup>He, <sup>21</sup>Ne, and <sup>36</sup>Cl moraine ages from the high-altitude central Puna Plateau, NW Argentina.

*Frydrych Malgorzata* (Łódź): Extreme glacialfluvial processes in record of Rzymsko esker sediments.

## Saturday, 28/05/2016

08:00      *Breakfast*

### 09:00      **Session I: "Sediment – Surface – Erosion" Convener: Christoph Kappler**

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      *Marcjanna Jędrych (Warsaw): Saharian dust in Europe?*

09:20      *Moritz Nykamp (Berlin): Quantification of wind-driven soil erosion of a loess-like sediment and its implications on the occurrence of archaeological surface and sub-surface finds.*

09:40      *Jörn Profe (Bremen): Insights into paleoclimate and sediment dynamics: Element log ratios derived from X-Ray fluorescence scanning of discrete samples from the loess-paleosol sequence Schwalbenberg II, Germany.*

10:00      *Break*

10:20      *Tobias Sprafke (Würzburg): Morphodynamic activity and stability in polygenetic loess paleosols.*

10:40      *Ugur Öztürk (Potsdam): Predicting Rainfall-Induced Landslides Applying Complex Networks Based on Event Synchronization.*

11:00      *Jesús Rodrigo Comino (Trier): Actual geomorphological processes on steep hillslope vineyards. A comparison of Ruwertal (Germany) with the Montes de Málaga (Spain).*

**11:20      Leisure time and lunch**

**14:00      Field trip to the surroundings (Dr. Knut Kaiser, GFZ Potsdam)**

**18:00      Return from field trip**

**19:00      Dinner**

**20:00      Late night shorts ("30 second madness") and poster session – Convener: Anna Schoch**

You have 30 SECONDS to present your topic on one slide. After the short introductions we'll continue discussing the posters with some cool drinks.

*Henry Munack (Potsdam): Recycling of Pleistocene valley fills dominates 135 ka of sediment flux, upper Indus River.*

*Eric Pohl (Freiberg): Identifying climate forcing on suspended sediment transport in the high Pamir Mountains.*

*Svenja Rosenwinkel (Potsdam): Late Pleistocene outburst floods from Issyk Kul, Kyrgyzstan?*

*Anne Schuchhardt (Halle): The effects of large wood on longitudinal sediment connectivity – first results from small Central European mountain streams.*

*Raphael Steup (Gießen): The loess sequence at Münzenberg (Wetterau/Germany): A reinterpretation based on new luminescence dating results.*

*Simon Terweh (Bonn): Sediment volume and internal structure of talus cones derived by ground penetrating radar measurements.*

*Stefanie Tofelde (Potsdam): Eccentricity-driven fluvial fill terrace formation in the southern-central Andes, NW Argentina.*

*Renee van Dongen* (Potsdam): Testing biotic controls on erosion and sediment transport in the Chilean coastal cordillera with cosmogenic <sup>10</sup>Be-derived erosion rates.

*Georg Veh* (Potsdam): Towards an improved inventory of Glacial Lake Outburst Floods in the Himalayas.

*Tilmann Wolpert* (Gießen): Fine grain OSL-dating of specific marker horizons of the Nussloch loess section Heidelberg/Germany.

**21:30 Party / Get together**

## **Sunday, 29/05/2016**

08:00 *Breakfast*

**09:00 Session II: "Transport – Interactions" Convener: Steffen Pötsch**

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

09:00 *Anna Schoch* (Bonn): Postglacial sediment evacuation from the tributaries of the Upper Rhone, Switzerland.

09:20 *Stephan Eckart* (Halle): Lysimetry in Siberian Steppes.

09:40 *Bastian Dost* (Trier): Smartstones - Technique and Applications.

10:00 *Coffee Break*

**10:15 Workshop UAVs by Dr. Kristen Cook (GFZ Potsdam)**

In a short hands-on workshop, Kristen will show you how easy and straightforward it can be to generate a 3D model from just a bunch of pictures collected with an unmanned aerial vehicle (UAV). You can bring your laptop and install Agisoft Photoscan professional on it. You can get a free 30 day trial of Agisoft at <http://www.agisoft.com/downloads/request-trial/>.

12:30 *Lunch*

**13:30 Give us what we deserve!**  
We need your opinion on what you liked and disliked!

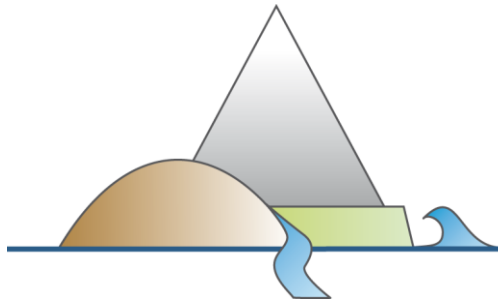
**14:00 Goodbye and some final remarks**

**List of Participants:**

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