

Geowissenschaftliches Kolloquium

Himalayan Herald: Diffuse deformation, deep metamorphism and missing earthquakes

Donnerstag, 17. Januar 2019 - 16.15 Uhr

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The Himalayan arc was long considered cylindrical: a laterally homogenous mountain belt. However, the more researchers investigate it, the more heterogeneities are found. This presentation will highlight three aspects of ongoing research. (1) Complex geodynamics of the Eastern third of the orogen. (2) Geophysical contributions to understand lower crustal metamorphism. (3) Apparent and real gaps in the earthquake record along the Himalayan arc.



After studying geophysics in Budapest, György Hetényi completed an MSc in Earth Sciences at the Ecole Normale Supérieure in Paris, focusing on the Himalaya-Tibet region with seismology, gravimetry, petrology and modelling. After a post-doc in Leeds and two others at ETH Zürich, he's a junior professor at the UniLausanne, leading project OROG₃NY, working mostly on the Alps and the Himalayas.

Layout: FUB Geopál Vanessa Skiba, 20181002

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