



LUDWIG-
MAXIMILIANS-
UNIVERSITÄT
MÜNCHEN

LEHRSTUHL FÜR MINERALOGIE, PETROLOGIE
DEPARTMENT FÜR GEO- UND UMWELTWISSENSCHAFTEN



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- Research fellow (Since February 2015)
- PhD student (March 2010 – February 2015) -Supervisors: Prof. D.B. Dingwell, Dr. Ulrich Kueppers

Ongoing research / Aktuelle Forschung

München, 24/02/15

- Revealing the fine scale: Sedimentary peels in PDC deposits.
-Ulrich Kueppers (LMU Munich)
-Célia Mato (Université François Rabelais de Tours, France)
- Soft sediment deformation by shock-waves.
- Lukas Gegg (LMU, Munich)
-Ulrich Kueppers (LMU, Munich)
- Dune bedforms from the 2006 dilute pyroclastic density currents at Tungurahua volcano (Ecuador) – GPR and terrestrial laser-scanner survey.
- Jean-Rémi Dujardin (EOST Strasbourg, France)
- Amir Abolghasem (LMU Munich, Germany)
- Impact threshold for pyroclasts – Wind tunnel investigations.
- Keld Rasmussen (University of Aarhus, Denmark)
- Jon Merrison (University of Aarhus, Denmark)
- The February 2014 eruption of Tungurahua volcano (Ecuador) – deposit morphology and glass-transition.
-Minard Hall (IG Quito, Ecuador)
-Kai-Uwe Hess (LMU Munich, Germany)
-Jorge Romero (Universidad de Atacama, Chile)
- Seismic anisotropy revealed by shear-wave splitting at Cotopaxi volcano (Ecuador).
- Mario Ruiz (IG Quito, Ecuador)
- The 1968 pyroclastic density currents of Fernandina volcano (Ecuador) – Integrating field, experimental and computational methods.
- Brittany Brand (University of Washington, USA)
- Patricio Ramón (IG Quito, Ecuador)
- Rheology of carbonatites from Ol Doinyo Lengai.
- Benoît Cordonnier (ETH Zurich, Switzerland / UC Berkeley, USA)

Completed studies / Abgeschlossenen Forschungsprojekte

- Syn-eruptive soft-sediment-deformation in deposits of pyroclastic density currents. (2011-2014)
- *Benoît Taisne (EOS, Singapore)*
- Static saltation threshold for pyroclasts – Variable slope wind tunnel measurements. (2011-2014)
- *Keld Rasmussen (University of Aarhus, Denmark)*
- The deposits of the 2006 dilute pyroclastic density currents at Tungurahua volcano (Ecuador). (2009-2014)
- *Ulrich Kueppers (LMU Munich, Germany)*
- *Instituto Geofísico (Quito, Ecuador)*
- Structure and deformation of the Yasur-Yenkahe complex (Vanuatu). (2011)
- *Aline Peltier (IPG Paris, France)*
- *Antony Finizola (Université de la Réunion, France)*
- Late Ordovician tunnel-valleys in southern Jordan. (2009)
- *Jean-François Ghienne (EOST Strasbourg, France)*
- Hydrothermal structure of Stromboli volcano (Italy) – Electrical Resistivity Tomography, Self-Potential, CO₂ fluxes, and ground temperature. (2009-2011)
- *Antony Finizola (Université de la Réunion, France)*
- *Tullio Ricci (INGV Roma, Italy)*