

Claudia Teschner

Curriculum Vitæ

Education

- 09/2009 – 01/2014 **University of Kiel/GEOMAR Helmholtz Centre for Ocean Research, Kiel, Germany**, PhD in Paleooceanography
Research group: Ocean Circulation and Climate Dynamics/ Chemical Paleo-Oceanography
Supervisor: Prof. Martin Frank
Thesis: Reconstructing the Plio – Pleistocene evolution of the water mass exchange and climate variability in the Nordic Seas and North Atlantic Ocean
- 10/2003 – 05/2009 **University of Kiel/Leibniz Institute of Marine Sciences, IFM – GEOMAR, Kiel, Germany**, Diploma in Geology (equivalent to MSc)
Research group: Dynamics of the Ocean Floor, Magmatic and Hydrothermal Systems, NOVUM (Nutrients originating in volcanoes)
Supervisor: Associate Professor Thor Hansteen
Thesis: Pumice from Central American Arc volcanoes: Release of iron and silica on contact with seawater and implication for diatom growth in the Eastern Equatorial Pacific Ocean

Scientific Experience

- Since 02/2015 Clean Laboratory work/techniques, ionchromatography, radiogenic isotope analysis (*TIMS*), **Ludwig – Maximilian University, Munich, Germany**
- 09/2009 – 04/2013 Clean Laboratory work/techniques, ionchromatography, *NU-Plasma* Multi-Collector ICP-MS, development of experimental leaching techniques at **GEOMAR, Kiel, Germany**
- 07/2012
and 02 to 03/2011 Fieldwork: **Trinidad and Tobago**
Sampling (short sediment cores), Sample preparation (washing and fractionation for foraminifera analysis), Laboratory work, planning
- 02/2010 – 03/2010 **Meteor – Cruise 81/1** (*Las Palmas, Spain – Port of Spain, Trinidad and Tobago*)
Chief Scientist: Prof. Martin Frank
Sampling (water samples for Nd isotope analysis), Sample preparation, Laboratory work

- 12/2007 – 05/2009 Student Research Assistant in **Chemical Paleo-Oceanography, GEOMAR, Kiel, Germany**
with Prof. Martin Frank
Laboratory work, ionchromatography, leaching procedures
- 02/2009 – 03/2009 **Poseidon – Cruise 379** (*Las Palmas, Spain – Fort-de-France, Martinique*), Student Research Assistant
Chief Scientist: Svend Duggen
Dredging/Sampling (volcanic rocks), Laboratory work
- 06/2005 – 11/2007 Student Research Assistant in **department of Physics and Chemistry of Minerals at Christian-Albrecht-University, Kiel, Germany**
Prof. Ladislav Cemič
Infrared spectroscopy, high pressure experiments

Teaching Experience

- 09/2009 – 01/2014 Supervision of MSc and BSc students in Laboratory work, leaching procedures, ionchromatography, *NU-Plasma* Multi-Collector ICP-MS at **GEOMAR, Kiel, Germany**

Other Experiences and Skills

- Languages German (native speaker)
English (fluent/oral and written)
French (basic)