

## Distinguished Lecture Series Fall 2011

Seminars are held on Mondays at 4:15 in <b>Haus 27, Hörsaal 0.01</b>			
October 17	Bruce Yardley University of Leeds	Fluid Processes in the Deep Crust and their significance for the behaviour of the continents	Patrick O'Brien
October 24	Dominique Weis University of British Columbia	ECORD Distinguished Lecturer Programme  What do we know about Mantle Plumes, what can Hawaiian Volcanoes tell us about the Earth's Mantle and what more can we learn by IODP Drilling?	Jens Kallmeyer
October 31	Reformationstag		
November 7	Florian Füsseis Ruhr-Universität Bochum	The 3- and 4-dimensional characterization of porosity in rocks and minerals using Synchrotron X-ray microtomography	Matthias Konrad-Schmolke
November 14	Michael Wiedenbeck GFZ	Potsdam's coming Cameca 1280 ion probe and what you can use it for	Edward Sobel
November 21	Peter Clift University of Aberdeen	Controls on erosion and sediment transport in the Indus River system since the LGM	Maria Mutti / Manfred Strecker
November 28	Nadine McQuarrie University of Pittsburgh	Accommodating convergence in the eastern Himalaya, are rates of thrusting steady, gradational or transient?	Manfred Strecker
December 5	Oliver Korup Universität Potsdam	Earth's Portfolio of Extreme Sediment Transport Events	Frank Krüger
December 12	Fred Hattermann Potsdam Institute for Climate	Hydroclimatic extremes in Germany under climate change conditions	Axel Bronstert

	Impact Research (PIK)		
December 19	Samuel Angiboust Université de Paris 6	Petrological and mechanical behaviour of oceanic lithosphere along the Subduction Interface: Insights from eclogite-facies ophiolites and numerical models	Matthias Konrad-Schmolke
January 2	Ulrike Herzschuh Universität Potsdam [&] AWI	Past vegetation changes and their interactions with climate and earth surface processes	Manfred Strecker
January 9	Edward Sobel Universität Potsdam	Antrittsvorlesung: Deciphering Central Asian tectonics through thermochronology	Manfred Strecker
January 16	Jean Dixon GFZ	Thresholds for soil weathering and the limits to its tectonic and climatic forcings: Insight from global datasets	Taylor Schildgen
January 23	Daniel Bernoulli ETH Zurich	"Ophiolites: tectono-sedimentary breccias related to mantle exhumation during rifting along juvenile continental margins and oceanic ridges" [nbsp]or [nbsp]"Ancora due parole sulle ophioliti"	Maria Mutti
01/30/12	Kai Wünnemann HU Berlin	Seeding Life and Punctuating Evolution by Meteorite Impact - constraints from numerical modelling and laboratory experiments	Uwe Altenberger
February 6	Herdís Helga Schopka GFZ	Chemical weathering fluxes from volcanic islands and the importance of groundwater: The Hawaiian example	Sascha Oswald