



Promotionen 2014

Name	Titel
Juan Carlos Alcérreca Huerta, M.Sc.	Process-based modelling of waves interacting with porous bonded revetments and their sand foundation
Dipl.-Ing. Markus Brühl	Direct and inverse nonlinear Fourier transform based on the Korteweg-deVries equation (KdV-NLFT) -A spectral analysis of nonlinear surface waves in shallow water-
Dipl.-Math. Olaf Büttner	2D-Modellierung der Hydraulik und des Feinsedimenttransportes von Extremhochwässern in urbanen Gebieten
Dipl.-Ing. Andrea Corridori	Dune dynamics under specific constraints of flow discharge and sediment supply
Luciano Dionisio Dantas M.Sc.	On Modifications to the Traffic-Responsive Urban Control Method
Dipl.-Ing. Jens Ewert	Grundlagen und Anwendung von ultrahochfestem Faserbeton für dünne Schichten
Dipl.-Ing. Andreas Gille	Ein neuer Ansatz zur Kapazitätsbestimmung von Bahnsystemen
Dipl.-Phys. Hauke Gravenkamp	Numerical methods for the simulation of ultrasonic guided waves
Dipl.-Ing Steffen Greune	Darlegung und Bewertung von Produktivitätsminderungen bei multiplen Bauablaufstörungen

Dipl.-Ing. Gunnar Heumann	Zuverlässigkeitsorientierte Bewertung bestehender Bauwerke aus Stahlbeton und Spannbeton
Semeidi Husrin, ,M.Sc.	Attenuation of solitary waves and wave trains by coastal forests
Sanyuan Jiang, M.Sc.	Hydrological water quality modelling of nested meso scale catchments
Dipl.-Ing. Arno Kirch	Alleviation of the Response of Slender Bridges to Wind Action Using Different Types of Controlled Actuators
Dipl.-Ing. Hans-Werner Krauss	Zur Auswirkung hochfeiner inerter Zusatzstoffe auf die Hydratationskinetik und die Mikrostruktur von Zementstein
Donglie Liu, M.Sc.	Synthetic Aperture Radar for Process-Related Monitoring in Urban and Mining Areas
Dipl.-Geoökol. Julia Lorenschat	Recent and fossil ostracodes from Lake Ohrid as indicators of past environments
Dipl.-Ing. Francesca Lupi	A new aerodynamic phenomenon and its effects on the design of ultra-high cylindrical towers
Dipl.-Ing. Giovanni Michelazzo	Breaching of river levees: analytical flow modelling and experimental hydro-morphodynamic investigations
Dipl.-Wirtsch.-Ing. Nicolas Petrek	Konstruktion eines Verfahrens zur Signifikanzbewertung von Änderungen im europäischen Eisenbahnwesen
Dipl.-Ing. Frederick Siekmann	Dieter Oesterlen - Das Hochhaus der Technischen Hochschule Braunschweig (1954 -1956)

Dipl.-Ing. Guido Steven	Trag- und Nachbruchverhalten von Stützen aus ultrahochfestem Beton mit hochfester Längsbewehrung
Dipl.-Ing. Diego Alejandro Talledo	A coupled environmental-mechanical damage model for structural analysis of RC constructions.
Hoai Nam Tran, M.Sc.	Effect of aeration and leachate recirculation on carbon and nitrogen removal from landfills
Dipl.-Geogr. Clemens von Bismarck-Osten	The impacts of meteorology on aerosol particle number size distributions - a statistical analysis and modeling approach
Dipl.-Geogr. Ulrike Wolf	Emission of NH₃, N₂O and CO₂ following the application of differently treated digestates from biogas production
Panyu Zhu MA arch	Energy Efficient Multi-story Residential Buildings in China