



## Promotionen 2017

Name	Titel
Noor Ahmad, M.Sc.	Crack Detection in Asphalt Pavements by Means of Ground Penetrating Radar (GPR)
Viridiana Alcántara Cervantes Dipl.-Geoökol.	Long-term effects of soil organic matter burial on carbon sequestration
Marreddy Ambati, M.Sc.	Phase-field modeling and computations of brittle and ductile fracture for solids and shells
Steffen Axer, M.Sc.	Estimating Traffic Signal States by Exploiting Sparse Low-Frequency Floating Car Data
Gersena Banushi, Dott. ssa	SEISMIC DESIGN OF BURIED STEEL PIPELINES
Arnd Bartholomäus, Dipl.-Ing.	Bestimmung der Wasseraufnahme von Asphaltgranulat
Tanja Broder, M.Sc.	Relations between Hydrology and the Release of DOC and Trace Elements from Peatlands
Caroline Buchen, M.Sc.	The fate of nitrogen after grassland renewal and grassland conversion to maize cropping - An investigation of N <sub>2</sub> O processes and mineral N dynamics at the field scale
Valentina Chiarello, Dott. ssa.	ANALYSIS WITH UNCERTAINTY OF HYDROLOGICAL EXTREME EVENTS

<b>Francesca Giaccherini, Dott. ssa</b>	<b>MODELLING TANNERY WASTEWATER TREATMENT TO EVALUATE ALTERNATIVE BIOPROCESSES CONFIGURATIONS</b>
<b>Johannes Herrmann, M.Sc.</b>	<b>Analysis of the spatial and temporal dynamics of herbicide resistance to ACCase- and ALS-Inhibitors in Alopecurus myosuroides Huds. and their causes</b>
<b>Christof Heußner, Dipl.-Ing.</b>	<b>Phosphatrückgewinnung aus Deponien und Altablagerungen</b>
<b>Thomas Höbbel, M.Sc.</b>	<b>Schätzung von Turbulenzparametern aus Naturmessungen zur Beschreibung bauwerksrelevanter räumlicher Windfelder</b>
<b>Christian Kollenberg, Dipl.-Ing.</b>	<b>Konzept für eine systematische Erhaltung der Gleisinfrastruktur von urbanen Schienenverkehrssystemen</b>
<b>Katharina Lisetska M.Eng.</b>	<b>Effizienzsteigerung in der Planung von Infrastrukturprojekten durch informelle Bürgerbeteiligung</b>
<b>Anne Lorenz, Dipl.-Wirtsch.-Ing.</b>	<b>Möglichkeiten zum Streckenkenntniserwerb in Deutschland: Empirische Untersuchungen, Analyse und Diskussion</b>
<b>Saber Mohamed Elsayed Abdelaal M.Sc.</b>	<b>Breaching of Coastal Barriers under Extreme Storm Surges and Implications for Groundwater Contamination</b>
<b>Alessandro Nocentini, Dott.</b>	<b>Identification and testing of measures to improve motorway work zone safety</b>
<b>Andrea Pasquali M.Sc.</b>	<b>Enabling the cumulant lattice Boltzmann method for complex CFD engineering problems</b>
<b>Luca Pigolotti Dott.</b>	<b>ON THE FLUTTER RESPONSE OF TWO-DEGREE-OF-FREEDOM FLAT PLATES FOR ENERGY HARVESTING APPLICATIONS</b>

<b>Quentin Schorpp, M.Sc.</b>	<b>Dynamics of below ground functional biodiversity in soils cropped with the perennial energy plant Silphium perfoliatum L.</b>
<b>David Schürenkamp, M.Sc.</b>	<b>Zur hydraulischen Bemessung von Kornfiltern maritimer Bauwerke bei schichtorthogonaler, oszillierender Durchströmung</b>
<b>Irene Simonetti, Dott. ssa</b>	<b>OPTIMIZATION OF OSCILLATING WATER COLUMN WAVE ENERGY CONVERTERS - A NUMERICAL STUDY</b>
<b>Sara Ticci, Dott. ssa.</b>	<b>SUSTAINABLE REFURBISHMENT METHOD FOR INDUSTRIALIZED PUBLIC RESIDENTIAL BUILDINGS IN THE MEDITERRANEAN CLIMATE</b>
<b>Sebastian Wanka, Dipl.-UWT, Dipl.-Ing. (FH)</b>	<b>Nassmechanische Aufbereitung der Feinfraktion von Deponat mit dem Ziel der Erzeugung verwertbarer Stoffströme</b>