



A Two-Days Workshop at the Chair of Structural Mechanics

1. Day: Wednesday, 24 August 2016

Venue: PB - B 014

Time	Name	Topic of the presentation
Chair: Prof. Chuanzeng Zhang, Dr. Ji Lin		
10:00 – 10:45	Prof. Jan Sladek	Fracture mechanics analysis of size-dependent piezoelectric solids
10:45 – 11:30	M.Sc. Fajie Wang	Time-dependent singular boundary method for transient diffusion problems
11:30 – 12:15	M.Sc. Xindong Hei	Stability of impulsive fractional-order systems & Fractional viscoelastic models
12:15 – 14:00	Break	
Chair: Prof. Jan Sladek, Dr. Longtao Xie		
14:00 – 14:45	Prof. Wenjie Feng	Some new interfacial crack models for plane fracture problems in MEE bimatereals
14:45 – 15:30	Dr. Ji Lin	From polynomial basis functions to analytical basis functions
15:30 – 16:15	M.Sc. Shengdong Zhao	High-transmission acoustic imaging mirage effects and directional cloaking in perforated metal slabs
16:15 – 16:45	Break	

Chair: Prof. Wenjie Feng, Dipl.-Ing. Pedro Villamil		
16:45 – 17:30	M.Sc. Bin Wu	On guided circumferential waves in soft electroactive tubes under radially inhomogeneous biasing fields
17:30 – 18:15	Dipl.-Ing. Benjamin Ankay	Two-dimensional wave propagation in a nonlinear elastic solid
18:30 – 21:30	Discussion and dinner	
21:30	End of the first day's program	

2. Day: Thursday, 25 August 2016

Venue: PB - B 014

Time	Name	Topic of the presentation
Chair: Prof. Jan Sladek, Prof. Wenjie Feng		
10:00 – 10:45	Dr. Longtao Xie	3D Green's function and its derivatives for anisotropic elastic, piezoelectric and magneto-electroelastic materials
10:45 – 11:30	Dipl.-Ing. Pedro Villamil	Structural analysis of FGM beams and plates
11:30 – 12:15	Prof. Chuanzeng Zhang	Radial basis function collocation method for wave propagation analysis in periodic structures: Advantages and drawbacks
12:15 – 14:30	Lunch	
14:30 – 21:30	Discussion, walking tour, and guided tour to brewery Krombacher	

Prof. Dr.-Ing. habil. Chuanzeng Zhang

Siegen, 23. August 2015