

## Program DGK PhD-Seminar Stuttgart 2020

22.10.2020 – Hörsaal 17.01, Keplerstr. 17, 70174 Stuttgart			
Time-Slot	Presenter	Title	Moderation
From 13:30	Registration of participants		
13:50 – 14:00	Welcome address		
14:00 - 15:45	E. Barnefske (HCU Hamburg)	Classification of point clouds: A comparison of knowledge and data based methods	Prof. H. Kuhlmann  (Uni Bonn)
	L. Zabawa (Uni Bonn)	Image based phenotyping in vine yards	
15:45 – 16:15	Coffee Break		
16:15 – 17:45	J. Janßen (Uni Bonn)	Reducing the uncertainty in the registration of terrestrial laser scans with identical points	Prof. H. Neuner  (TU Wien)
	G. Kerekes (Uni Stuttgart)	Elementary Error Model applied to TLS Measurements	
17:45 – 18:45	Introduction of participants		
19:00	Brauhaus Schönbuch, Bolzstrasse 10, 70173 Stuttgart		

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08:30 - 10:15	J. Peroš (Uni Zagreb)	Determination of objects dynamic 3D displacements and natural high frequencies using IATS measurements	Prof. W. Lienhart (TU Graz)
	A. Baumann-Ouyang (ETH Zürich)	Structural Health Monitoring using FMCW MIMO-SAR	
10:15 – 10:45	Coffee Break and group photo		
10:45 – 12:15	B. Mohammadivojdan (LU Hannover)	Surface Based Modeling of Ground Movements	Prof. I. Neumann (LU Hannover)
	R. Moftizadeh (LU Hannover)	Integrity Contained Navigation Based on Vehicle Data and Constrained Collaborative Information	
12:15 – 12:45	Coffee Break		
12:45 – 14:15	V. Frangez (ETH Zürich)	3D Shape Determination and Geometric Quality Assessment for Digital Fabrication	Prof. A. Wieser (ETH Zürich)
	K. Mawas (TU Braunschweig)	AMC: Quality Inspection Approaches for 3D Concrete Printing (3DCP)	