

PhD-Day, 10 April 2019 at ATB, room A101

Time	Topic	Speaker	Supervisor ATB	Supervisor University
9:00	Welcome	Prof. Annette Prochnow Dr. Ulrike Praeger		
9:10	LiDAR laser scanner utilized in orchards	Nikolaos Tsoulas	Dr. habil. Manuela Zude	Prof. Spyros Fountas, AU Athens Prof. Georgios Xanthopoulos, AU Athens
9:35	3D-point cloud analysis for precise structure change detection in trees	Marius Hobart	Dr. Michael Schirrmann Dr. Michael Pflanz	Prof. Cornelia Weltzien, TU Berlin
10:00	break			
10:20	Estimating the air exchange and emissions of naturally ventilated barns – a three-column approach	David Janke	Prof. Thomas Amon	Prof. Cornelia Weltzien, TU Berlin
10:45	The mechanical effect of different components in the automatic milking systems on the free fatty acids FFA in milk	Fadi AlHomoch	Prof. Reiner Brunsch	Prof. Reiner Brunsch, HU Berlin Prof. Sandra Rose, HS Neubrandenburg
11:10	How to assess the bioeconomy transition from a macro perspective	Wiebke Jander	Dr. habil. Philipp Grundmann	Prof. Annette Prochnow, HU Berlin Prof. Harald Grethe, HU Berlin
11:35	Introduction of the Leibniz PhD Network & Survey Report	Katharina Willenbücher		
12:00	break			
13:00	Functional microbial networks in semi-continuously operated biogas reactors – Progress report	Katharina Willenbücher	Dr. Michael Klocke	Prof. Ulrich Szewzyk, TU Berlin
13:25	Mathematical modelling of fresh produce packaging, storage and supply chain	Dr. Ali Jalali	Dr. Pramod Mahajan	Prof. Cornelia Weltzien, TU Berlin
13:50	Development of modular intelligent system for controlled-environment storage of fresh produce	Nandita Keshri	Dr. Pramod Mahajan	Prof. Cornelia Weltzien, TU Berlin
14:15	break			
14:25	Selection of (a) starter culture(s) for the fermentation of mealworm paste based on pH evolution, microbial counts, bacterial community dynamics and metabolomics	An Borremans	Dr. Antje Fröhling	Prof. Leen Van Campenhout, KU Leuven
14:50	Insect protein determinations and why they bug researchers	Ruben Smets	Dr. Oliver Schlüter	Prof. Mik Van Der Borgh, KU Leuven
15:15	Get together			