

## Mitteilungen und Nachrichten

Die Gesellschaft für Pflanzenbauwissenschaften (GPW) teilt mit:

### Promotionen in Pflanzenbauwissenschaften

- Prof. Dr. Frank ELLMER**, Humboldt-Universität zu Berlin  
**KLEPATZKI, Julian**, 2017: Treibhausgasminderung auf Sandböden: Potenziale in verschiedenen Nutzungssystemen
- Roß, Christina-Luise**, 2017: Kompostierte Gärreste aus Bioabfällen als Düngestoffe: Bodenökologische und pflanzenbauliche Wirkungen
- HOFFMANN, Marieke**, 2018: Effekte der Düngung mit Gärresten auf die Bodenfruchtbarkeit und Pflanzen
- Prof. Dr. Ulrich KÖPKE**, Rheinische Friedrich-Wilhelms-Universität Bonn
- GIEPEN, Michael**, 2017: Occasional direct-seeding of grain legumes in Organic Agriculture in Germany and Brazil: fertilisation with P and S & weed control with natural herbicides
- PERKONS, Ute**, 2018: Bioporengenes durch homo- und allorhize Kulturpflanzen – Einfluss auf das Wurzelwachstum der Nachfrüchte
- PD Dr. Bodo Maria MÖSELER**, Rheinische Friedrich-Wilhelms-Universität Bonn
- BOLLER, Jörn Christian**, 2018: Einfluss der Bewirtschaftungsintensität und Landschaftsstruktur auf die Diversität der Saltatoria und Hymenoptera (*Bombus*) von Mittelgebirgsgrünland
- Prof. Dr. Ralf PUDE**, Rheinische Friedrich-Wilhelms-Universität Bonn
- BERGS, Michel**, 2018: Einfluss von *Miscanthus*-Genotyp und Erntezeit auf Gehalt und Struktur von Lignin aus Organosolv-Verfahren
- Prof. Dr. Uwe RASCHE, PD Dr. Jürgen SCHELLBERG**, Rheinische Friedrich-Wilhelms-Universität Bonn
- TEWES, Andreas**, 2018: Investigating the Potential of UAV-Based Low-Cost Camera Imagery for Measuring Biophysical Variables in Maize
- PD Dr. Jürgen SCHELLBERG**, Rheinische Friedrich-Wilhelms-Universität Bonn
- WERRES, Jula Marie**, 2018: Zur tierökologischen Bedeutung der Elsbeere (*Sorbus torminalis* L. Crantz)
- Prof. Dr. Frank ORDON**, Justus-Liebig-Universität Gießen
- LÜDERS, Wolfgang**, 2017: Analyses of virulence of European isolates of clubroot (*Plasmodiophora brassicae* Wor.) and mapping of resistance genes in rapeseed (*Brassica napus* L.)
- FÄRBER, Sandra**, 2019: High resolution mapping and identification of candidate genes for the BaMMV/BaYMV-resistance rym13 and Ryd3 involved in BYDV-tolerance of barley
- Prof. Dr. Sven SCHUBERT**, Justus-Liebig-Universität Gießen
- KRIPPNER, Johanna**, 2019: Effect of zinc foliar application on zinc concentrations and distribution in spinach (*Spinacia oleracea*) and parsley (*Petroselinum crispum*)
- Prof. Dr. Bernward MÄRLÄNDER**, Georg-August-Universität Göttingen
- BRAUER-SIEBRECHT, Wiebke**, 2017: Zuckerrüben und Silomais in Fruchtfolgen mit Winterweizen – Erträge und Umweltwirkungen
- TRIMPLER, Kerrin**, 2017: Nachhaltige Produktivitätssteigerung im Zuckerrübenanbau
- Prof. Dr. Mark VARRELMANN**, Georg-August-Universität Göttingen
- LAUFER, Marlene**, 2018: Application of reverse genetic systems to study Beet soil-borne mosaic virus and Beet necrotic yellow vein virus molecular biology, the interaction of species and their use as biotechnological tool
- Prof. Dr. Rolf RAUBER**, Georg-August-Universität Göttingen
- STREIT, Juliane**, 2018: Biomass, root distribution and overyielding potential of faba bean/wheat and white clover/ryegrass mixtures.
- Prof. Dr. Frank ORDON**, Martin-Luther-Universität Halle-Wittenberg
- VATTER, Thomas**, 2018: Locating QTL conferring resistance against net blotch, leaf rust, and stripe rust in the wild barley nested association mapping (NAM) population HEB-25
- BABBEN, Steve**, 2019: An efficient approach for the development of locus specific primers in wheat and its application in a candidate gene based association study on frost tolerance in wheat (*Triticum aestivum*)
- Prof. Dr. Marcel QUINT**, Martin-Luther-Universität Halle-Wittenberg
- IBANEZ, Carla**, 2017: Regulation of phenotypic plasticity in high ambient temperature: ELF3 and BZR1 as major thermostats gating PIF4 signaling
- Prof. Dr. Simone GRAEFF-HOENNINGER**, Universität Hohenheim
- SAHAMISHIRAZI, Samira**, 2017: Evaluation of new open pollinating broccoli genotypes (*Brassica oleracea* convar. *botrytis* var. *italica*) specifically bred for organic farming conditions focusing on agronomic performance and glucosinolate content
- Prof. Dr. Sabine GRUBER**, Universität Hohenheim
- XU, Jialu**, 2017: Effects of woody plants and their residues on crop yield, weeds and soil carbon fractions in selected arable cropping systems
- Prof. Dr. Iris LEWANDOWSKI**, Universität Hohenheim
- WAGNER, Moritz**, 2017: Methodological Approaches for Assessing the Environmental Performance of Perennial Crop-Based Value Chains
- VON COSSEL, Moritz**, 2018: Agricultural diversification of biogas crop cultivation

- Prof. Dr. Hans-Peter PIEPHO**, Universität Hohenheim  
**BERNAL Vasquez**, Angela Maria, 2017: Genomic prediction in rye  
**BOXRIKER**, Maike, 2018: Improvement of breeding strategies for the trait vase life in cut carnations (*Dianthus caryophyllus* L.)  
**HADASCH**, Steffen, 2018: Model selection by cross-validation in multi-environment trials  
**MOLENAAR**, Heike, 2018: The development of phenotypic protocols and adjustment of experimental designs in Pelargonium zonale breeding
- Prof. Dr. Jürgen Heß**, Universität Kassel  
**GROSSE**, Meike, 2017: Der Einfluss von Zwischenfrüchten und reduzierter Bodenbearbeitung in ökologischen Anbausystemen auf Stickstoffflüsse und Beikräuter
- Prof. Dr. Michael WACHENDORF**, Universität Kassel  
**NURMATOV**, Nodirjon, 2017: Energetische Verwertung städtischen Laubs  
**NURK**, Liina, 2017: Laboratory and field experiment evaluation of alternatives for maize in biogas production  
**SAFARI**, Hanieh, 2017: Combined use of spectral signatures and ultrasonic sward height for the assessment of biomass and quality parameters in heterogeneous pastures
- Prof. Dr. Friedhelm TAUBE**, Christian-Albrechts-Universität zu Kiel  
**STRUCK**, Inger Julia, 2018: No-tillage silage maize (*Zea mays* L.) in ley-arable systems – Crop performance and environmental effects under maritime climates
- Prof. Dr. Hans-Werner OLFS**, Hochschule Osnabrück  
**HASLER**, Kathrin, 2017: Environmental impact of mineral fertilizers: possible improvements through the adoption of eco-innovations  
**WESTERSCHULTE**, Matthias, 2017: Slurry injection for optimizing nutrient use efficiency in maize: Soil mineral nitrogen dynamics and plant phosphorus, zinc and manganese status
- Prof. Dr. Dieter TRAUTZ**, Hochschule Osnabrück  
**FEDEROLF**, Carl, 2017: Slurry injection in maize: regional performance of manure based fertilizer strategies  
**KÜHLING**, Insa, 2017: Strategies for sustainable agricultural land use in Western Siberia (Russian Federation)
- Prof. Dr. Bettina EICHLER-LÖBERMANN**, Universität Rostock  
**VOGEL**, Telse, 2018: Phosphorus effects of recycled products from municipal wastewater on the soil plant system
- Prof. Dr. Ralf UPTMOOR**, Universität Rostock  
**PARRA LONDONO**, Sebastian, 2019: Characterization of the phenotypic and genomic diversity in sorghum: traits and genetic components involved in the adaptation to abiotic stress conditions
- Prof. Dr. Niels ANTEN**, Universität Wageningen  
**BONGERS**, Franca, 2017: How virtual shade sheds light on plant plasticity
- KABIRI**, Stella, 2017: Ecology and biology of *Rhamphicarpa fistulosa*, a new parasitic weed of rain-fed rice (*Oryza sativa*) in sub-Saharan Africa  
**THEISEN**, Giovanni, 2017: A comprehensive assessment of agriculture in lowlands of south Brazil: characterization and comparison of current and alternative concepts  
**DE VRIES**, Jorad, 2019: How plants balance competitive growth and defence: an analysis of virtual plants in dynamic interactions
- Prof. Dr. Paul STRUIK**, Universität Wageningen  
**DERSEH**, Waga Mazengia, 2017: Agronomic and socioeconomic sustainability of farming systems. A case in Chench, South Ethiopia  
**GEBREGIORGIS**, Firehun Yirefu, 2017: Management of water hyacinth (*Eichhornia crassipes* [Mart.] Solms) using bioagents in the Rift Valley of Ethiopia  
**GEBRESILASE**, Yenenesh Tadesse, 2017: Making interventions work on the farm: Unravelling the gap between technology-oriented potato interventions and livelihood building in Southern Ethiopia  
**GEMECHIS**, Ambecha Olika, 2017: Optimization of productivity and quality of irrigated tomato (*Solanum lycopersicum* L.) by smallholder farmers in the Central Rift Valley area of Oromia, Ethiopia  
**KHAIRUDIN**, Nurulhuda, 2017: Modelling of ammonia volatilisation in fertilised and flooded rice systems  
**MORALES SIERRA**, Alejandro, 2017: Dynamic photosynthesis under a fluctuating environment: a modelling-based analysis  
**RETTA**, Moges Ashagrie, 2017: Microscale modelling of gas exchange during C4 photosynthesis  
**SHI**, Wanju, 2017: Physiological responses of rice to increased day and night temperatures  
**CHOUBEH**, Reza Ranjbar, 2018: Studying photosynthetic antenna complexes in vivo and in vitro using time-resolved fluorescence spectroscopy  
**DUBE**, Praxedis, 2018: Traditional leafy vegetables in Zimbabwe: Agronomic and market studies  
**KADAM**, Niteen Narharirao, 2018: Physiological and genetic dissection of rice tolerance to water-deficit stress  
**TANG**, Kailei, 2018: Agronomy and photosynthesis physiology of hemp (*Cannabis sativa* L.)
- Univ. Prof. Dr. Hans-Peter KAUL**, Universität für Bodenkultur Wien  
**ISLAM**, Md. Saiful, 2017: Identification and evaluation of drought adaptive traits in potato  
**SCHOLL**, Peter, 2017: Investigation of root-induced changes of soil hydraulic properties based on two common cover crop species – tap rooted mustard (*Sinapis alba* L.) and fibrously rooted rye (*Secale cereale* L.)
- Ao. Univ. Prof. Dr. Peter LIEBHARD**, Universität für Bodenkultur Wien  
**THURNER**, Elisabeth, 2017: Einfluss der Bestäubung durch die Honigbiene auf den Zustand und die Artenvielfalt einer Hochlagenflora