

23. Jahrestagung des AK Biologischer Pflanzenschutz -online- 18.-19.03.2021
Organisation vor Ort: AG Patel FH Bielefeld und Elisa Beitzen-Heineke

Tag 1: Donnerstag 18. März 2021		Moderation	Jakobs-Schönwandt
Ab 11.00		Zoom Raum ist offen	
11.20 – 11:30		Eröffnung	Anant Patel
11:30 – 11:50	T1	Microbiome management for sustainable agriculture	Gabi Berg
11:50 – 12:20	T2	Experimental approach for field evaluation of root exudate and microbiome interactions in winter wheat depending on long-term agricultural management	Narges Moradtab / Doreen Babin
12:20 – 12.40	T3	Barley seed microbiome depends on the plant genotype and harbors potential plant beneficial bacteria	Nina Bziuk
12:40 – 13:00	T4	Mechanisms of AHL-priming for enhanced resistance	Adam Schikora
13:00 – 13:20	T5	Plants related disease outbreaks might be prevented by AHL-priming	Jasper Schierstaedt
13:20 – 13:40	T6	PrimedPlant2: Optimizing Priming capabilities and applying new findings to the field	Matthias Cambeis
13:40 – 14:00		Pause in den Breakout Sessions	
14:00 – 14:20	T7	Searching for beneficial organisms to mitigate apple replant disease: a meta-genomic approach	Viviane Radl
14:20 -14:40	T8	Treating apple replant disease with biostimulants: Effects of <i>Bacillus velezensis</i> FB01 and <i>Pseudomonas sp.</i> RU47 on the microbial community	Kristin Hauschild
14:40 – 15:00	T9	Structure and composition of bacterial communities in different soil depths and rhizosphere compartments of successive wheat	Andrea Braun-Kiewnick
15:00 - 15:20	T10	From seeds to rhizosphere – a journey to the bacterial community of sugar beet roots (<i>Beta vulgaris</i> L.)	Adrian Wolfgang
15:20 - 15:40	T11	Impact of the colonization pattern on the beneficial properties of crop plants-associated bacteria	Yongming Duan
15:40 – 16:00		Pause in den Breakout Sessions	
16:00– 16:20	T12	The fungal root endophyte <i>Serendipita vermifera</i> displays inter-kingdom synergistic beneficial effects with microbiota in <i>Arabidopsis</i> and barley	Lisa Mahdi
16:20 -16:50	T13/ T14	Farming-dependent rhizosphere competence of beneficial microbes and their effects on maize at field scale	Rita Grosch / Jan Helge Behr
16:50 – 17:10	T15	Impact of agricultural management and climate change on soil microorganisms under pathogen attack	Adriana Giongo
17:10 - 17:30	T16	Direct and indirect interactions between <i>Trichoderma virens</i> and soil arthropods	Matthäus Slomka
17:30- 18:00	T17/ T18	Evaluation of the suppression of clubroot disease by the earthworm <i>Lumbricus terrestris</i>	F.Meyer- Wolfarth/ Tanja Schütte
Ab 18:00		Gemeinsamer Ausklang mit kurzen Berichten aus der Industrie	

Tag 2: Freitag 19. März 2021		Moderation	Beitzen-Heineke
Ab 8.00		Zoom Raum ist offen	
08:15 – 08:20		Begrüßung	
08:20 – 08:40	T19	Susceptibility of Cabbage Root Fly (<i>Delia radicum</i>) to <i>Metarhizium brunneum</i> isolates present in the soil or as endophyte of oilseed rape plants	Catalina Posada-Ver-gara
08:40 – 09:00	T20	Drahtwurmbekämpfung mit <i>Metarhizium brunneum</i> - Abiotische Einflussfaktoren im Kartoffeldamm	Maximilian Paluch
09:00 – 09:20	T21	Drahtwurmbekämpfung mit <i>Metarhizium brunneum</i> : Einfluss verschiedener Faktoren auf das Wachstum eines Bodengranulates	Tanja Bernhardt
09:20 -09:40	T22	Improving blastospore desiccation tolerance by decelerated dehydration and a novel formulation approach	Robin Dietsch
09:40 – 10:00	T23	Encapsulation and efficacy of ATTRACAP	Elisa Beitzen-Heineke
10:00 – 10:20	T24	Development of Attract-and-Kill formulations for the biological control of psyllid pests in fruit orchards	Linda Muskat
10:20 – 10:40	T25/ T26	Nitrogenous Polysaccharides for improvement of entomopathogenic fungi to control Codling Moth (<i>Cydia pomonella</i>)	Nushrat Harun Antara
10:40 – 11:00		Pause in den Breakout Sessions	
11:00 – 11:20	T27	Entwicklung von Saatgutcoatings für <i>Phacelia tanacetifolia</i> mit Nutzpilzen zur Pflanzenstärkung und zum Schutz vor pflanzenparasitären Nematoden	Jana Uthoff
11:20 – 11:40	T28	Pflanzenschutz mit Insektenbiotechnologie	Kwang-Zing Lee
11:40 – 12:00	T29	The Toothpick Project - a Progress Report	Peter Lüth
12:00 – 12:30	T30	mikroPraep - Entwicklung eines mikrobiologischen Präparates auf Basis von <i>Lysobacter enzymogenes</i> zur Bekämpfung pilzlicher Pflanzenkrankheiten	Christian Drenker/ Ada Linkisr
12:30 – 12:50	T31	The Wood Nail Technology, a new technique to apply microbial biocontrol agents	Hans Korte
12:50 – 13:10		Mittagspause in den breakout sessions	
13:10 – 13:30	T32	Erste Schritte Richtung MORGEN - Vorstellung des Projektes MORGEN	Susanne Bleser
13:30 – 13:50	T33	Green Deal für den biologischen Weinbau	Franz G. Rosner
13:10 – 14:10	T34	Zulassung biologischer Pflanzenschutzmittel in der EU	Rüdiger Hauschild
14:10 – 14:30		Abschlussdiskussion	Patel/Beitzen-Heineke