

P-Campus Symposium 12th and 13th Nov 2019

Tuesday, 12th November 2019

Time	Title	Speaker
10:00	Internal meeting SAC	
12:00	Registration, snacks, networking, mounting posters	
12:30	Introduction, P-Campus News	D. Zimmer, U. Bathmann
Cluster I: P in the environment		
Projects of P-graduate School Phase 1 and 2 and third party funded projects		M. Kanwischer
12:40	Desalting of marine water through electrodialysis	M. Wirth
12:50	PhosWaM: Estuarine phosphorus transformation, retention and bioavailability	L. Rönspieß
13:10	new PhD project I.2: P pools and mobilization potential in lowlands and coastal regions	P. Leinweber
13:20	Modelling P-Bindung in soil	P. Ganta
13:30	Glyphosate in soil and environment	P. Gros
13:45	The Darß-Zingst Bodden chain: input and budgets of phosphorus	R. Schumann
14:00-14:30 Coffee break		
Cluster II: P efficiency		
PhD projects of P-graduated School Phase 1 and third party funded projects		K.J. Dehmer
14:30	P mobilization in the rhizosphere of weeds and crops	A. Zacher
14:40	Genetic and nutritional effects on the efficiency of P use of monogastric animals	C. Gerlinger
14:50	Effects of serradella on mycorrhization in a crop rotation (InnoSoilPhos)	N. Vitow
15:00	Sorption and speciation of phosphorus in agricultural soils of redoximorphic character (InnoSoilPhos)	K. Baumann
15:10	Genetic improvement of P efficiency of potatoes	M. Hazarika
15:20	On-farm phosphorus fertilisation in the region of Rostock	P. Winklhofer
15:30-16:00 Coffee break		
Cluster III: P in catalysis		T. Werner
16:00	Bifunctional phosphonium salts as efficient catalyst for the utilization of CO ₂	Y. Hu
16:10	Reducing waste by P(III)/P(V) redox cycling – and what that actually means	L. Longwitz
16:20	Redox Properties of P-Ligands	J.-E. Siewert
16:30	P-Campus Publication Award	D. Zimmer, U. Bathmann
16:35	SAC meeting	
16:35	General meeting of P campus members	D. Zimmer, U. Bathmann
17:00-18:00 Finger food and networking		
17:30	Poster, networking SAC and P-Campus members	

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09:00	Welcome and Introduction	D. Zimmer, P. Leinweber
09:10	Impressions of Scientific Advisory Council (SAC)	SAC
Cluster IV P in biology		K. Wimmers
09:25	Mito-P-The role of reversible phosphorylation in regulation of mitochondrial bioenergetics	I. Sokolova
09:35	Molecular determinants of phosphorus utilization in pigs	M. Oster
09:45	Shifted excitation Raman difference spectroscopy – pilot investigations on phosphorus components and selected real-world samples	K. Sowoidnich
09:55	Phosphorus as a cue regulating microbial N ₂ O production	N. Wrage-Mönnig
10:05	Long-term field experiment Rostock (Cluster 2)	B. Eichler-Löbermann
10:15-10:40 Coffee break, posters		
Cluster V P Governance		P. Leinweber
10:40	InnoSoilPhos: Economic and Regulatory Instruments of P Governance	B. Garske
11:00	P Governance in a Comparative Perspective: EU and Latin America	J. Stubenrauch
11:20	new PhD project V. GAP 2020, concept and first results	K. Heyl
11:40	Animal Food Governance	F. Ekardt
12:00	Discussion and closing up	P. Leinweber
12:10	End	
12:15	Guided tour NanoSIMS (max. 6 persons)	A. Vogts
12:45	Guided tour NanoSIMS (max. 6 persons)	A. Vogts