

**Symposium des Leibniz-WissenschaftsCampus Phosphorforschung Rostock**  
**Die 2. Förderphase der Leibniz-Gemeinschaft: Struktur und Projekte**  
**Freitag, 26.04.2019**

Zeit	Vortragender	Vortragstitel/Projekt
11.00	D. Zimmer, U. Bathmann	Begrüßung/Einführung
11.10	tba.	Grußworte
11.25	M. Kanwischer	Einführung Cluster I (durch Clustersprecher)
11.30	B. Lennartz	I.1 Risks and benefits of rewetting coastal wetlands after agricultural use (PhD)
11.40	P. Leinweber	I.2 P Pools and mobilization potential in lowlands and coastal regions (PhD)
11.50	M. Kanwischer	I.3 Analysis of glyphosate and glufosinate in sea water and as indicator compounds for industrial cropping (PhD) I.4 Organic P structure along pathway from source to sea
12.05	F. Ekardt	Cluster 5: Governance options for closed P cycles - the GAP 2020 revision (PhD)
12.15	J. Tränckner	Einführung Cluster II (durch Clustersprecher)
12.20	J. Tränckner	II.1 P recycling in animal husbandry (PhD)
12.30	<i>Lunch-Pause</i>	
13.10	P. Wolf	II.2 Efficiency of recovered Phosphorous for monogastric animals (PhD)
13.20	K.J. Dehmer	II.3 P efficiency of forage legumes and their capacity to utilize P from recycling products (PhD)
13.30	C. Croonenbroeck	II.4 Cross-sectional project: economic efficiency of P-recycling in animal and crop farming
13.40	T. Werner	Einführung Cluster III (durch Clustersprecher)
13.45	C. Hering-Junghans	III.1 Synthesis of novel P-based ligands for complexes to activate small molecules (PhD)
13.55	J. v. Langermann	III.2 Highly efficient P-based organocatalysts and recombinant pig liver esterases for the resolution of racemic carbonates (PhD)
14.05	T. Werner	III.3 Synthesis of potential anti-tumor and adhesion-promoting agents by P-based organocatalysis for oncology and biomedical engineering (PhD)
14.15	<i>Kaffeepause</i>	
14.35	I. Sokolova	Einführung Cluster IV (durch Clustersprecher)
14.40	U. Karsten	IV.1 Gene expression in biogeochemical cycling of phosphorus in biological soil crusts of sand dunes of the Baltic Sea (PhD)
14.50	R. Uptmoor	IV.2 Sustainability of potato production: Cloning and sequencing of candidate genes improving P acquisition efficiency to reduce fertilizer inputs
15.00	M. Hagemann	IV.3 The role of inorganic phosphate supply on the development of cyanobacterial summer blooms in the Baltic Sea (PhD)
15.10	I. Sokolova	IV.4 Phosphorus as a metabolic regulator during environmental stress in animals (PhD)
15.20	M. Oster	IV. 5 Molecular mechanisms of phosphate homeostasis and osteoimmunological processes and their consequence for health and welfare (PhD)
15.30	N. Wrage-Mönnig	IV.6 Phosphorus as a cue regulating microbial N <sub>2</sub> O production
15.40	D. Zimmer, U. Bathmann	Diskussion, offen Fragen, weitere Punkte

Veranstaltungsort:

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