

iGRAD-Plant Symposium 2023

Wednesday, February 15, lecture hall 6L

08:45	09:15	Registration		
09:20	09:30	Welcome		
09:30	10:10	Ute Armbruster	Nucleotide regulation- How light and “dark” reactions of photosynthesis communicate	Chair: Ana Carolina
10:10	10:50	Berkley Walker	Integrating fluxes through photorespiration with photosynthesis and central metabolism	
10:50	11:20	Coffee Break		
11:20	12:00	David Kramer	tba	Chair: Allegra
12:00	12:40	Jianping Hu	Plant energy organelles: dynamics and roles in plant interaction with the environment	
12:40	02:00	Lunch Break		
02:00	02:40	Shinhan Shiu	Evolution of plant science research topics through the lens of AI	Chair: Dibin
02:40	03:20	Melissa Lehti-Shiu	Assessing the degree of genetic redundancy between duplicate genes in Arabidopsis	
03:20	03:50	Coffee Break		
03:50	04:30	Susanne Hoffmann-Benning	A Tale of Two Worlds – Integrating computational and wet-bench research to understand protein-lipid interactions	Chair: Tianyu
04:30	05:10	Guido Grossmann	tba	
05:10	05:20	Closing		
05:30		Get-together		

**For registration, contact Petra Fackendahl (igrad-plant@hhu.de)
Registration open until February 05.**

The iGRAD-Plant (IRTG 2466) is a joint graduate program between Heinrich Heine University Düsseldorf, Jülich Research Center and Michigan State University. The IRTG focuses on developing models that predict resource allocation to structure and growth, defense and stress response, nutrient acquisition, and reproduction in photosynthetic organisms, at the levels of individual cells, organs, and whole organisms. The resource allocation phenotype is addressed from multiple angles and environmental contexts, in a small set of genetically tractable and well-characterized organisms that generate their carbon resources by photosynthesis.

More information on the iGRAD-Plant Graduate Program: <https://www.igrad-plant.hhu.de>