



ÖKOLOGISCHES KOLLOQUIUM
des Instituts für Zoologie in person in room 0.024

Wednesday, 29.05.2024, 01:15 pm



Dr. Christian Guill

Dept. Ecology & Ecosystem Modeling, University of Potsdam

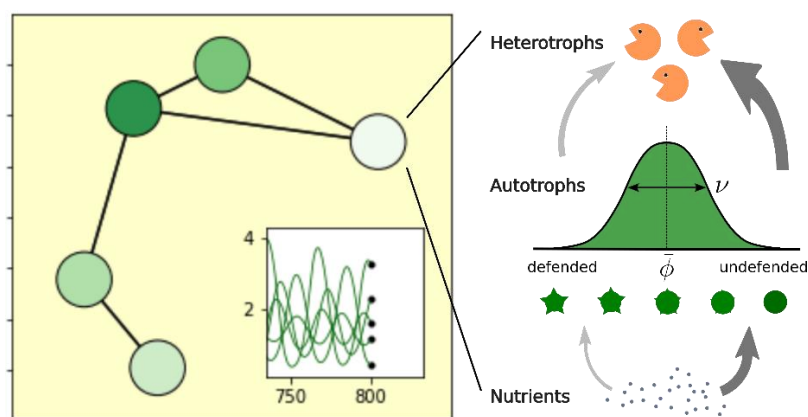


Louica Philipp

Host: Prof. Dr. Arndt

Eco-evo-spatial feedbacks: How pattern formation promotes diversity

Spatial heterogeneity in biotic or abiotic conditions is an important driver of biodiversity in metacommunities. We show how this heterogeneity can emerge in a self-organised way (i.e., without being predetermined by the environment), and how the formation of patterns creates dynamical feedbacks that enhance biodiversity on different trophic levels beyond what is possible with traditional mechanisms such as source-sink dynamics. Finally, we address how anthropogenic disturbances such as destruction or isolation of habitat adversely affects these feedbacks and thus the maintenance of diversity.



Gäste sind herzlich willkommen!
Die Mitarbeiter/innen der Ökologie

→ bei Rückfragen: 470-8242 (Niedeggen)