

# EINLADUNG

Kolloquium  
Wintersemester 2023 / 2024

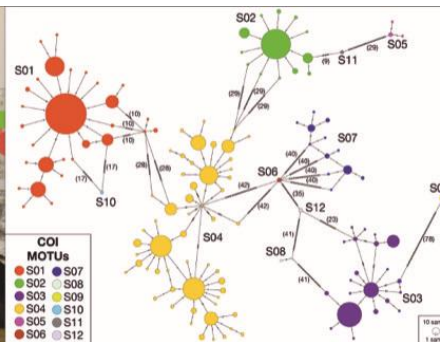
**Dr. Kamil Hupało**

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hält am Dienstag, den **28.11.2023**, um 16:15 Uhr im Hörsaal 1, Biologikum, Campus Riedberg, Max-von-Laue-Str. 13, einen Vortrag über,  
**„Going beyond species: a deep dive into intraspecific diversity and its ecological significance“**



For years, species have been used as a standard biodiversity unit for ecological and ecotoxicological studies. Although intraspecific variability is often acknowledged, it is rarely taken into consideration in the planning of experimental research. However, recent advances in DNA-based research have revealed a tremendous amount of overlooked, often cryptic biodiversity within widely distributed species. What adds another layer of complexity is interpopulation variability often resulting from adaptive responses to local environmental conditions. Overlooking the intraspecific diversity often leads to false extrapolation of the experimental findings and can have profound implications for the conservation of organisms and ecosystems. In my presentation, I will further discuss the ecological relevance of intraspecific diversity using freshwater amphipods as a prominent example.



Einladender: Dr. Jonas Jourdan