



**iDiv**

German Centre for Integrative  
Biodiversity Research (iDiv)  
Halle-Jena-Leipzig

BioMove workshop on

# “Pattern and process of coexistence and biodiversity scaling in metacommunities”

**Thursday & Friday**

**September 28<sup>th</sup> and 29<sup>th</sup> 2017**

**German Centre for Integrative Biodiversity Research  
(iDiv) in Leipzig**

## **Workshop instructors:**

Jonathan Chase, Duarte Viana, Alienor Jeliaskov, Felix May,  
Shane Blowes, Petr Keil, Katharina Gerstner

## **Workshop description:**

This workshop will cover aspects of metacommunity ecology and biodiversity scaling, from local to regional. On the first day, we will consider critical aspects of spatial processes in influencing patterns of species coexistence and compositional variation - focusing on the joint processes of dispersal, habitat heterogeneity and scale. We will cover conceptual and theoretical aspects to emerge from metacommunity ecology in the past years, as well as introduce several tools used for analyzing metacommunities (e.g., partitioning variation due to environmental and spatial causes at the taxonomic and functional levels). On the second day, we will discuss how these spatial processes are critical for understanding patterns of biodiversity and how they change through space and time, and introduce another set of tools useful for understanding and analyzing scale-dependent biodiversity change.