



Ecology and Ecosystem Modelling  
 “Actual topics in Ecology and Ecological modelling”  
 Oberseminar Summer-Semester 2020

Date	Speaker and Affiliation	Preliminary Title or Topic	Comment
27.04.2020	<b>Ruben Ceulemans</b> Univ. Potsdam	Unraveling the link between multitrophic diversity and ecosystem functioning in tritrophic food webs	
04.05.2020	<b>Toni Klauschies</b> Univ. Potsdam	Experimental evidence for long-term coexistence of two rotifer species in a homogenous chemostat environment	
11.05.2020	<b>Barbara Bauer</b> Univ. of Greifswald	Where spatial ecology and evolution meet: approaches to incorporate genetic adaptation and plasticity into species distribution modelling	
18.05.2020	<b>Elias Ehrlich</b> Univ. Potsdam	A graphical approach to modern coexistence theory	
25.05.2020	<b>Florian Jeltsch</b> Univ. Potsdam	Is fragmentation per se bad for biodiversity? The role of animal personality	Joint with WG Nature Conservation
01.06.2020	PENTECOST		
08.06.2020	<b>Markus Stark</b> Univ. Potsdam	Explaining diversity patterns: Local food web stability and the state of landscape fragmentation determine species distribution of a complex metacommunity model	
15.06.2020	<b>Xiaoxiao Li</b> Univ. Potsdam	Food web structure and stability of a seagrass bed in the China's Yellow River Delta coastal wetland	
22.06.2020	<b>Gaurav Baruah</b> Univ. of Zürich	Abundance- and trait-based signals of population collapses	
29.06.2020	<b>Nadja Kath</b> Univ. Potsdam	The influence of phenotypic plasticity on predator-prey systems	
06.07.2020	<b>Guntram Weithoff</b> Univ. Potsdam	Movement and dispersal mediated community assembly	
13.07.2020	<b>Ellen van Velzen</b> Univ. Potsdam	Keystone adapters: how does evolutionary rescue happen in a small food web?	
20.07.2020	<b>Christian Guill</b> Univ. Potsdam	Self-organized pattern formation increases functional diversity	