

09:00 5'	Lecture hall 1AB	
	Welcome Note Nicole van Dam (chair of the iDiv Annual Conference 2018)	
09:05 25'	Lecture hall 1AB	
	Opening talk by Martin Quaaas (new professor at iDiv) "Elements of biodiversity economics"	
	Lecture hall 1AB	Lecture hall 1CD
	Standard talks (session 1) Review and synthesis in biodiversity science	Standard talks (session 2) Of viruses and bacteria
09:30 10'	Fons van der Plas Biodiversity and ecosystem functioning in natural communities – A systematic review	Delphine Panziera Virus prevalence across sympatric field samples of <i>Apis mellifera</i> and <i>Bombus</i> species
09:40 10'	Max Hofmann Are some bird species more attractive than others?	Anja Tehel Experimental infection of <i>Bombus terrestris</i> with DWV and BQCV
09:50 10'	Alienor Jeliakov Can traits help predict community responses to environmental variation? A global meta-analysis across ecosystems, realms and scales	Beate Michalzik Tree species and tree metrics affect above-ground hydrology and biogeochemistry
10:00 10'	Lotte Korell Are climate change experiments realistic?	Ming Zeng Systemic signalling in mycorrhizal and plant herbivore interactions
10:10 10'	Emma Ladouceur Community Assembly and the Functioning of Ecosystems (CAFÉ) in seed addition and ecological restoration	Constantinos Xenophonos Species phylogenetic and functional diversity contribute to ecological functioning of groundwater bacterial communities
10:20 10'	Malte Jochum Linking biodiversity experiments to "real-world" ecosystems	Lijuan Yan Environmental filtering shapes the formation of groundwater microbiomes
10:30 30'	Foyer Coffee break	
	Lecture hall 1AB	Lecture hall 1CD
	Standard talks (session 3) Platforms I: Bringing invisible biodiversity into the light	Standard talks (session 4) Biodiversity of Asia and Africa
11:00 10'	Christian Ristok Biotic interactions affect the plant metabolome and aboveground herbivory	Anja Widdig Using camera trapping to assess the abundance of wild Southern pigtailed macaque within a selectively logged and primary forest in Peninsular Malaysia
11:10 10'	Hongmei Chen Root productivity is more important than root mortality in explaining the strengthening positive effect of plant diversity on standing root biomass	Chris Barratt Elucidating intraspecific diversification processes in the Afrotropics
11:20 10'	Anu Eskelinen Is faster cycling always better? Global changes drive faster cycling and processes but decrease diversity in a natural grassland system	Anna Holzner Rat feeding behavior of Southern pig-tailed macaques in oil palm plantations – implications for conservation
11:30 10'	Peter Hofmann A microcosm of phytoplankton traits – How do species vary along gradients and what does it mean for them?	Belinda Kahnt Not the perfect match? Pollinator shifts rather than cospeciation dominate the evolutionary history of coevolving <i>Rediviva</i> bees and their <i>Diascia</i> host plants
11:40 10'	Carlos Guerra Blind spots of global soil biodiversity and ecosystem function research	Yu Liang Spatial patterns and determinants of common root-associated fungi in a subtropical forest of China
11:50 10'	Fredd Vergara iDiv's metabolomics platform: investigating chemical diversity in the <i>Solanaceae</i>	Keping Ma Mapping Asia plants: Initiative and progress
12:00 75'	Foyer Lunch	Lecture hall 2 Member café
13:15 10'	Lecture hall 1AB iDiv Science Communication Award	
13:25 10'	Lecture hall 1AB Into the Future session (chair: Christian Kuhlicke) Risk to ecosystems and the services they provide: A multidisciplinary perspective	

13:35 10'	Nicole van Dam Risks of gene editing for sustainable crop production. Who is afraid of Frankenfood?	
13:45 10'	Bernd Hansjürgens Valuing the risks of ecosystem services: An economic perspective	
13:55 10'	Stephan Lorenz The sociodiversity of biodiversity risks: A sociological perspective	
14:05 10'	Birgit Müller Socio-ecological interaction and emerging risks: A modelling perspective	
	Lecture hall 1AB	Lecture hall 1CD
	Ignite talks (session 5) Experiments and observations	Ignite talks (session 6) Genetic and biochemical diversity and evolution
14:15 5'	Susanne Hecker Insektenmobil 2018	Marie-Lara Bouffaud Different ectomycorrhizal fungi induce similar local but diverse specific systemic oak gene expression
14:20 5'	Emma Jardine PhenObs – botanical gardens as a global phenological observation network	Canan Karakoç Evolutionary rescue in complex environments
14:25 5'	Maria-Theresa Jessen How reindeer, climate warming and nutrient enrichment influence intraspecific trait manifestation in tundra plants – Competition for light in the land of the midnight sun	Susanne Marr How are plant metabolite fingerprints changing across season and community diversity?
14:30 5'	Amanda Ratier Backes A unimodal plant richness-altitude relationship in Tenerife: What can functional traits tell us about the mechanisms behind the pattern?	Laura Méndez Genomic signatures of palms with mega-faunal fruits in Madagascar
14:35 5'	Riccardo Testolin GLOBALP: Analysing global diversity patterns of alpine vegetation	Meredith Schuman Diversity in a new light: Spectroscopic imaging of intraspecific variation
14:40 15'	Discussion	Discussion
14:55 35'	Foyer Coffee break	
	Lecture hall 1AB	Lecture hall 1CD
	Standard talks (session 7) Modelling, networks and global databases	Standard talks (session 8) Platforms II: Biotic interactions in tree experiments
15:30 10'	Anne Mimet Empirical validation of a resource-predictability framework	Nora Haack The effect of vertical stratification on the species richness of beetle communities in the canopy of the Leipzig floodplain forest
15:40 10'	Nadja Rüger A predictive model of tropical forest dynamics	Martina Herrmann The secret life of microbes in hardwood forest canopies
15:50 10'	Roel van Klink Is the "insect armageddon" really happening?	Martin Volf Predators, parasitoids or chemicals: What promotes variation in communities of canopy herbivores?
16:00 10'	Francesco Maria Sabatini Using sPlot – the global vegetation plot database – to explore global patterns of plot-specific plant species pools	Sylvie Herrmann What is the role of the endogenous rhythmic growth trait for a long lived forest tree? New insights gained by the TrophicOak-PhytOakmeter platform.
16:10 10'	Remo Ryser Networks on networks: How spatial networks constrain food web structure	Ivan Fernandez Lopez Defense priming by herbivory in ectomycorrhizal oak trees over successive growth flushes.
16:20 10'	Aldo Compagnoni Forecasting the response of plant populations to climate change: The role of species life history	Felix Gottschall Effects of tree diversity and identity on soil microbial functions and wood decomposition
16:30 60'	Lecture hall 1AB Flash presentations of demonstrations and posters	
17:30 90'	Foyer Demonstration and poster session	Foyer Wine and cheese
19:00 120'	Foyer Get-together	

	Lecture hall 1AB	
	Ignite talks (session 9)	
	Computing tools and exploring data	
09:00 5'	Alsayed Algergawy Semantic technologies for scientific data management	
09:05 5'	Christian Thomaes Viegas Using machine learning methods for diversity estimation of intricate data	
09:10 5'	Carlos Eduardo Arlé An R platform to estimate data accuracy of point-occurrence records	
09:15 5'	Andrea Pacheco Influence of land tenure on environmental change	
09:20 10'	Discussion	
	Lecture hall 1AB	Lecture hall 1CD
	Standard talks (session 10)	Standard talks (session 11)
	Remote sensing for biodiversity research and beyond	Conservation, management and policy
09:30 10'	Franziska Taubert Global patterns of tropical forest fragmentation	Max Stoeven Deregulating gear selectivity in catch-share fisheries: A comparison of biomass and number quotas
09:40 10'	Ronny Richter How does diversity and structure modulate the cooling potential of forests? An ecosystem approach using reflective and thermal data	Rüdiger Voss Preaching water while drinking wine? Time preferences of fishery advisors and implications for management
09:50 10'	Xuanlong Ma Remote sensing of plant functional diversity from space: Exploring the potentials of new satellites	Guy Pe'er Common Agricultural Policy: Where are we heading?
10:00 10'	Miguel Mahecha The Earth System Data Lab for exploring ecosystem functioning at the marco-scale	Tsegaye Gatiso Evaluating the effectiveness of conservation interventions in European and African protected areas
10:10 10'	Sebastian Lehmann Combining forest and radiative transfer models: A challenge of possibilities	Elisa Schütze Projecting future forest cover change in the Atlantic forest of Brazil
10:20 10'	Florian Schnabel Diversity increases productivity and growth stability – the temporal development of tree species and structural diversity effects in a tropical tree diversity experiment	Joel Methorst Bird species richness increases life satisfaction across Europe
10:30 10'	Michael Rzanny Expert knowledge in everyone's hand: Automated plant identification via smartphone app Flora incognita	Ingmar Staude Range-restricted species are disproportionately more vulnerable to local extinction for habitat loss
10:40 30'	Foyer Coffee break	
11:10 60'	Lecture hall 1AB Keynote lecture (moderation: Judith Wiegmann and Thore Engel) Hélène Morlon – Towards a better understanding of how and why evolutionary rates vary across the tree of life	

	Lecture hall 1AB	Lecture hall 1CD
	Standard talks (session 12)	Standard talks (session 13)
	Going new ways in biodiversity science	Data integration and scaling
12:10 10'	Susanne Dunker Tiny, but mighty – Innovative monitoring strategies for pollen and phytoplankton diversity	Petr Keil Species-by-species associations: On their measures, spatial scale, detectability, and links to biodiversity patterns
12:20 10'	Melissa Marselle Green Leipzig: Does it matter for Leipziger's health and well-being?	Leana Goorlah Disentangling the mechanisms underlying the Island Species-Area Relationship (ISAR) of four taxa in the Andamans and Nicobar archipelago
12:30 10'	Jitendra Gaikwad Gaining insights into evolution of topics in ethnobiology and research connections between developed and developing world using bibliographic data	Kathryn Barry Zooming out and zooming in to better predict the consequences of biodiversity loss
12:40 10'	HyeJin Kim Enhancing biodiversity conservation through the use of scenarios and models in informing societal decisions	Diana Bowler A statistical framework to integrate different types of population datasets
12:50		Foyer
13:30 30'	Lecture hall 2 – iDiv members only – Information and discussion session	Lunch
	Lecture hall 1AB Marketplace session	
14:00 15'	Impulse talk by Jon Chase	
14:15 30'	Open marketplace session Speed dating with the taproots ► Biodiversity & Health (<i>Marselle et al.</i>) ► BioChange Taproot: connecting biodiversity theory, monitoring and application for a policy-relevant science (<i>Fernandez et al.</i>) ► CAFÉ - Community Assembly and the Functioning of Ecosystems (<i>Barry et al.</i>) ► Chemical and Molecular Mechanisms in Biodiversity (CheMoMiB) (<i>van Dam & Neumann</i>) ► Data-driven science at iDiv (<i>König-Ries et al.</i>) ► Decision tree for the analysis of population monitoring data (<i>Bowler & Eichenberg</i>) ► Global Soil Biodiversity and Ecosystem Function Dynamics (<i>Guerra et al.</i>) ► iM2M: integrating meso to macro scales (<i>Onstein et al.</i>) ► Land-use & landscapes (<i>Meyer</i>) ► Synthesis for biodiversity and society (<i>Kim et al.</i>)	
	All rooms Marketplace session	
14:45 90'	Individual activities	
16:15 15'	Lecture hall 1AB Plenary and awards	

Rooms

Lecture hall 1AB	Lecture hall 1CD	Foyer	Lecture hall 2	All rooms
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We are looking forward to your questions and feedback!
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