



# iDiv Conference 2024

## Thursday, November 14, 2024

### Poster Flash Talks - Leipziger KUBUS/2-AB - Hall 2 (12:15 PM - 12:30 PM)

time	[id] title	presenter
12:15 PM	[81] Exposure to sealed surfaces and subjective health outcomes: Evidence from longitudinal data in Germany	KASSOURI, Yacouba
12:16 PM	[80] Biodiverse urban green spaces: Insights from a survey-based hedonic analysis in 14 German cities	Dr LIEBELT, Veronika
12:17 PM	[72] Non-linear relationships between green space characteristics and physical activity in the German National Cohort (NAKO)	KREISLER, Torvid
12:18 PM	[146] Eco-tourism, insect-perception and mental wellbeing in the Peruvian Amazon rainforest	Mr AVELLANEDA VERGARA, Adrian Gustavo
12:19 PM	[38] Assessing the prevalence and bias of study designs in nature and mental-health studies.	OH RUI YING, Rachel
12:20 PM	[39] FLOW - Citizen science shows that Germany's small streams are in poor ecological status	VON GÖNNER, Julia
12:21 PM	[73] How can citizen science support stream restoration? A scoping study	BISCHOF, Roland

### Poster Flash Talks - Leipziger KUBUS/1-A - Hall 1 A (12:15 PM - 12:30 PM)

time	[id] title	presenter
12:15 PM	[29] Biological species delimitation revisited using the high Andean tree genus <i>Polylepis</i> (Rosaceae) as a model	Dr OLIVAR, Jay Edneil
12:16 PM	[128] Macroevolutionary insights into the evolution of fleshy fruits	CLARKE, John
12:17 PM	[124] Seed microbiome effects on the composition and diversity of organisms colonizing seedlings	KÖHLER, Michael
12:18 PM	[102] Root functional strategies as drivers of the functional composition of soil fungal communities and ecosystem functioning	HENNECKE, Justus
12:19 PM	[109] Leveraging Deep-Learning for an holistic understanding of soil moisture dynamics as affected by plant diversity	STEIN, Gideon
12:20 PM	[94] EO4BEF: A global multi-modal Earth Observation dataset for understanding Biodiversity-Ecosystem Functioning	MONTERO LOAIZA, David
12:21 PM	[96] Cryptic diversity and evolution in Orthoptera: A continent-wide perspective	CASTILLO, Elio Rodrigo
12:22 PM	[71] Integrating High Throughput Molecular and Optical Methods to Study Protistan Abundances in Groundwater Ecosystems	MÖBIUS, Nadine
12:23 PM	[120] Partitioning the arthropod Armageddon: survival of the heaviest	WILDERMUTH, Benjamin

### Poster Flash Talks: Biodiversity Change - Leipziger KUBUS/1-B - Hall 1 B (12:15 PM - 12:30 PM)

time	[id] title	presenter
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12:15 PM	[97] Writing outreach into your grant proposal	HAHN, Volker
12:16 PM	[40] A biodiversity portal for Germany: Lebendiger Atlas der Natur Deutschlands (LAND)	ENGEL, Thore
12:19 PM	[127] Shifts in the distribution of timber species in Nigeria under climate change and implications for timber availability	MÜNDER, Nina
12:21 PM	[142] Mongolian vegetation in the past and present - deducting plant occurrences, performance and phenology from herbarium specimens	VINCZE, Anna

**Poster Flash Talks - Leipziger KUBUS/2-AB - Hall 2 (2:45 PM - 3:00 PM)**

time	[id] title	presenter
2:45 PM	[48] How policy can support farmers in restoring habitat connectivity - Simulations on policies for hedge plantings	KOLB, Lea-Deborah
2:47 PM	[22] Country-level determinants of the decision to invest into renewable energy projects	MARTINI, Christina
2:48 PM	[110] Dasgupta meets Nordhaus: Natural Capital Dynamics in Integrated Assessment of Climate Change	WIESE, Malin
2:49 PM	[82] Science meets policy: the European Topic Centre on Biodiversity and Ecosystems	BRASCHLER, Brigitte
2:50 PM	[41] The Fellowship is broken: How the Gollum Effect Impacts Research and Careers	VALDEZ, Jose
2:51 PM	[149] iDiv for female scientists	HOSS, Daniela

**Poster Flash Talks - Leipziger KUBUS/1-B - Hall 1 B (2:45 PM - 3:00 PM)**

time	[id] title	presenter
2:45 PM	[58] Defining the role of spatial sampling in soil biodiversity estimates	KOSTAKOU, Maria
2:46 PM	[162] A framework to model species responses to extreme weather events	KAUFFELDT, Aaron Hagen
2:47 PM	[68] Known unknowns and model selection in ecological evidence synthesis	BLOWES, Shane
2:48 PM	[131] Understanding biodiversity patterns in response to land-use change: Insights from Peneda-Gerês National Park	JOERGER-HICKFANG, Theresa
2:49 PM	[69] Heathland restoration measures worsen ground beetle decline, regardless of functional traits.	FAURE, Mathieu
2:51 PM	[100] Wild bee body size as a response trait to anthropogenic disturbance in agriculturally dominated landscapes	WILD, Bilyana
2:52 PM	[148] Insects in cities: A within-city approach to reveal the ecological drivers that shape urban pollinator assemblages	FRIEDEL, Selina

**Poster Flash Talks: Biodiversity and the functioning of Ecosystem - Leipziger KUBUS/1-A - Hall 1 A (2:45 PM - 3:00 PM)**

time	[id] title	presenter
2:45 PM	[87] Biodiversity increases the stability and resistance of plant community nutrient concentrations.	Mr BAAN, Patrick
2:46 PM	[25] Moving forward with energy landscape research	BERTI, Emilio

2:47 PM	[8] TOWARDS CLIMATE-SMART REWILDING	SCHWARZ STARK, Gavin
2:48 PM	[13] Soil Multistability	JANDA, Zarah
2:49 PM	[53] Soil food-web reconstruction across different mycorrhizal type dominated forests using the compound-specific isotope analysis of amino acids	HAUER, Amelie
2:50 PM	[78] Understanding the impact of aboveground invertebrate decline on soil biodiversity and ecosystem functioning	Mr CONSTANTINOU, Ioannis

**Poster Flash Talks: Biodiversity and the functioning of Ecosystem - Leipziger KUBUS/1-A - Hall 1 A (4:45 PM - 5:00 PM)**

time	[id] title	presenter
4:45 PM	[150] Tree Growth Responses to the Central European 2018-2020 Drought: Roles of Diversity, Mycorrhizal Types, and Drought-Tolerance Traits	SACHSENMAIER, Lena
4:46 PM	[157] Predicting global-scale plant traits from environmental data	DECHANT, Ben
4:47 PM	[107] TRY Plant Trait Database – an iDiv Platform	KATTGE, Jens
4:48 PM	[36] Increasing frequency of drought years threatens the viability of beech forests in Central Germany	RUEGER, Nadja
4:49 PM	[114] Exploring clonal oak tree-nematode interactions under drought and herbivory stress	LEONAR, April Lyn
4:50 PM	[137] ARBOfun – Fate and Functioning of Central European Tree Species under Climate Change	WIRTH, Christian

**Poster Flash Talks: Biodiversity Dynamics & Complexity - Leipziger KUBUS/1-B - Hall 1 B (4:45 PM - 5:00 PM)**

time	[id] title	presenter
4:45 PM	[54] Testing whether new camera methods could detect change in pollinator and pollination biodiversity across different ecological context in Europe	ZHONG, Yuping
4:46 PM	[61] Image-based multispectral flow cytometry – a new analytical approach for fast and efficient pollen determination	WALTHER, Franziska
4:47 PM	[126] Does diet specialization influences the abundance and distribution of oil-collecting Centris bees in the Brazilian Cerrado?	SOUSA, Paulo
4:48 PM	[143] From Phreatophyte Species to Habitat Probability for Groundwater-Dependent Vegetation - a Multiscale Approach	EL-HOKAYEM, Léonard
4:49 PM	[49] Temporal variation of canopy functional trait diversity assessed through remote sensing	MEDERER, Daniel
4:50 PM	[44] sPlot 4.0: towards a truly global database for understanding vegetation spatiotemporal changes	DAMASCENO, Gabriella
4:51 PM	[152] A DIGITAL TWIN OF GRASSLAND ECOSYSTEMS	TAUBERT, Franziska
4:53 PM	[160] Regional aridification drove changes in Asian mammal faunas by the middle Eocene. Implications for the timing and magnitude of the Mongolian Remodelling.	Dr BENEVENTO, Gemma

**Poster Flash Talks: Molecular Biodiversity and Evolution - Leipziger KUBUS/2-AB - Hall 2 (4:45 PM - 4:55 PM)**

time	[id] title	presenter
4:45 PM	[32] Refining DNA extraction and metabarcoding techniques of soil nematode communities	WANG, Lu
4:46 PM	[132] Introducing iDiv's metabarcoding Support Unit iBarc - integrating molecular approaches to explore biodiversity	HERRMANN, Martina
4:47 PM	[14] iCONNECT, the integrative CONyza NETwork for Contemporary Trait evolution	ROSCHE, Christoph
4:48 PM	[156] Plot-level steroidal glycoside diversity and chemotype affect plant performance, herbivory and buzz-pollination in <i>S. dulcamara</i>	ANAIA, Redouan Adam
4:49 PM	[165] The impact of metabolomics - EcoMetEoR	GABRIEL, Jennifer
4:50 PM	[133] Building a macrogenetics database for insects	DOVYDAITIS, Emily
4:51 PM	[95] InsectMobil: Impacts of landscape on insect diversity and composition through the use of citizen science and DNA metabarcoding	PETERS, Birte
4:52 PM	[19] The ecology and evolution of fruit functional traits	NEVO, Omer