AMMOD Conference 2022

- Date: **May 3. and 4.** 2022 (tuesday + wednesday)
- Local time: UTC +2h (summer time)
- Location: Lecture Hall Botanik, Nußallee 4, 53115 Bonn
- ZOOM link: https://uni-bonn.zoom.us/j/66426372044?pwd=YXRWdE94WnJEUHhpYVpiYXhKY2lydz09

Tuesday May 3 2022

	Time	Subject	Speaker	presence
	10.00	Introduction	Wolfgang Wägele w.waegele@leibniz-lib.de	analog
1	10.10	Combining existing technologies into a biodiversity monitoring station”?	Tom August tomaug@ceh.ac.uk	online
2	10.30	ARISE setup, architecture and data management	Chantal Hujbers chantal.huijbers@naturalis.nl	analog
3	10.50	Automated biodiversity monitoring: first insights from the ARISE monitoring demonstration sites	Daniel Kissling wdkissling@gmail.com	analog
4	11.10	Field and collection sampling in the ARISE project	Hannco Bakker hannco.bakker@naturalis.nl	online
	11.30	**Short break**		
5	11.50	The Amsterdam Rat Project: Finding scalable solutions to monitor urban rodents	Caitllin Black c.e.black@uva.nl	online
6	12.10	Lessons from monitoring with DNA metabarcoding for aquatic	Alex Bush	online

		macroinvertebrates	alex.bush@lancaster.ac.uk	
7	12.30	"Depth-Aware Visual Wildlife Monitoring"	Timm Haucke s6tihauc@uni-bonn.de	analog
8	12.50	International Perspectives in Animal Biometrics"	Tilo Burghardt tb2935@bristol.ac.uk	online
	13.10	**Lunch**		
9	14.00	Camera traps, AI and large-scale collaboration enable annual continent-wide mammal surveys	Roland Kays rwkays@ncsu.edu	online
19	14.20	Demonstrating Digital Species identification - AI modules	Jacob Kamminga j.w.kamminga@utwente.nl	analog
11	14.40	Automated non-lethal moth traps can be used for robust estimates of moth abundance	Lea Heidrich lea.heidrich@biologie.uni-marburg.de	analog
12	15.00	Embedded machine vision devices for monitoring biodiversity	Kevin Darras kdarras@gwdg.de	online
	15.20	**Short break**		
13	15.40	Visual monitoring in AMMOD	Paul Bodesheim paul.bodesheim@uni-jena.de	analog
14	16.00	The AMMOD moth scanner	Dimitri Korsch dimitri.korsch@uni-jena.de	analog
15	16.20	Man vs. Machine: A hands down comparison of bird identification from soundscape recordings by machine learning and professional ornithologists	Jan Engler Jan_Oliver.Engler@tu-dresden.de	analog
16	16.40	Importance of high-quality annotation for robust bird sound classification	Olaf Jahn Olaf.Jahn@mfn.berlin	analog
	17.00	**Drinks & snacks**		

Wednesday May 4 2022

	Time	Subject	Speaker	
	10.00	Welcome	Wolfgang Wägele w.waegele@leibniz-lib.de	analog
17	10.10	Towards reliable detection of bird species in complex acoustic environments	Mario Lasseck / Benjamin Werner Mario.Lasseck@mfn.berlin Benjamin.Werner@mfn.berlin	analog
18	10.30	Multichannel Features for Bioacoustic Signal Processing	Paul Baggenstoss paul.baggenstoss@fkie.fraunhofer.de	analog
19	10.50	Automated identification of forest bird species – a comparison with real world community data	Dana Schabo, Sascha Rösner dana.schabo@staff.uni-marburg.de, sascha.roesner@uni-marburg.de	analog
20	11.10	What will it take to develop a global network of bird phenology?”	Morgan Tingley mtingley@ucla.edu	analog
	11.30	**Short break**		
21	11.50	The global soundscapes project: synthesis of biological, geological, and human sounds across realms	Kevin Darras kdarras@gwdg.de	online
22	12.10	An Insect Species Multimeter for Troubleshooting Ecology in the Landscape”	Mikkel Brydegaard mikkel.brydegaard@forbrf.lth.se	online

23	12.30	Smellscapes - Automated monitoring of volatile plant metabolites in ambient air: The technology	Wolfgang Vautz w.vautz@ion-gas.de	analog
24	12.50	Smellscapes - Automated monitoring of volatile plant metabolites in ambient air: Data	Maximilian Weigend, Florian Losch mweigend@uni-bonn.de, flosch@uni-bonn.de	analog
	13.10	**Lunch**		
25	14.00	Sensor Data Fusion for Estimating the Biodiversity - Methods and Results	Torsten Fiolka torsten.fiolka@fkie.fraunhofer.de	analog
26	14.20	AMMOD in NFDI context	Ivalyo Kostadinov ikostadi@gfbio.org	online
27	14.40	AMMOD data sensor2cloud solution	Domenico Velotto dvelotto@uni-bremen.de	online
28	15.00	Metabarcoding and DNA sequencing	Kevin Beentjes kevin.beentjes@naturalis.nl	online
	15.20	**Short break**		
29	15.40	Metabarcoding of insect and anemophilous plant traces	Birgit Gemeinholzer Birgit.Gemeinholzer@uni-kassel.de	analog
30	16.00	Automating Insect Diversity Assessment: From the Field to the Lab.	Amelie Kirse A.Kirse@leibniz-lib.de	analog
31	16.20	Modular Basestation and Sensor approach for Scalable and Maintainable Biodiversity Monitoring“	Krzysztof Piotrowski piotrowski@ihp-	online

			microelectronics.com	
	16.40	Final disucssion		
	16.40	**Drinks & snacks**		