

Seminar Dept Life Science Systems

13.10.25	Introduction to students	Häberle & Kollmann
20.10.25	Towards actionable knowledge: Leveraging computer science advances for knowledge synthesis in ecology	Prof. Dr. Tina Heger (TUM, Leuphana Univ.), Kollmann
27.10.25	The role of forest biodiversity for human health benefits and risks	Prof. Dr. Michael Scherer-Lorenzen (Univ. Freiburg), Kollmann
03.11.25	Ants in Colombian agroecosystems in times of environmental crisis	Prof. Dr. Inge Armbrecht (Univ. Valle, Cali), Achury & Weisser
10.11.25	Natural ecosystems, water and climate: Re-thinking and embracing nature's complexity for climate stabilization	Dr. Anastassia Makrieva (Petersburg Nuclear Physics Institute), Geist
17.11.25	Interpreting variation in prairie restoration outcomes	Prof. Dr. Lars Brudvig (Michigan State Univ.), Bauer & Kollmann
24.11.25	Predicting drought impacts on forests: mechanisms, approaches and current challenges	Prof. Dr. Jordi Martinez Vilalta (Autonomous Univ. Barcelona, CREAM), Seidl
01.12.25	Tropical phenology	Dr. Izabela Alejo (National Institute for Amazonian Research), Rammig
08.12.25	Fundamentals of epigenetic regulatory processes and their potential applications in plant protection and plant breeding	Prof. Dr. Gabi Krczal (RLP AgroScience, Neustadt), Häberle
15.12.25	Interplay between anthropogenic stressors, gut microbiomes and health	Prof. Dr. Simone Sommer (Univ. Ulm), Schlöter
22.12.25	Topic to be announced	NN, Waldvogel
12.01.26	Urban tree temporal dynamics: lessons from Philadelphia	Dr. Lara Roman (USDA Forest Service), Pauleit
19.01.26	Red Queen dynamics from months to megayears: Selection for extreme genetic diversity	Prof. Dr. Dieter Ebert (Univ. Basel), Tellier
26.01.26	Evidence base of environmental management and how to improve decision-making in conservation	Prof. Dr. Anne-Christine Mupepele (Univ. Marburg), Leonhardt
01.02.26	Topic to be announced	Dr. Maren Dubbert (ZALF), Grams

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Winter term 2025/26

Monday, 16:15–17:30

Zoom Meeting: [https://tum-conf.zoom-us.de/j/69079483987?pwd=elJ6bStBbXo0RHQ4aUJjVGltRVpLdz09](https://tum-conf.zoom.us/j/69079483987?pwd=elJ6bStBbXo0RHQ4aUJjVGltRVpLdz09)

Meeting-ID: 690 7948 3987; Kenncode: 021482

Prof. J. Kollmann & Dr. K.H. Häberle (Tel. 08161-713498, johannes.kollmann@tum.de)

Dr. R. Achury, Dr. M. Bauer, Prof. J. Geist, Prof. T. Grams, Dr. K.H. Häberle, Prof. S. Leonhardt, Prof. S. Pauleit, Prof. A. Rammig, Prof. M. Schlöter, Prof. R. Seidl, Prof. A. Tellier, and Prof. W. Weisser