

TUM School of Life Science Systems

Summer Colloquium 2026

„Connecting Science: Interdisciplinary Paths to Understanding Nature“

Date	Presenter	Talk title
16 April		Introduction for students
23 April	Prof. Dr. Katharina Schwarz	Connecting ecology and psychology
30 April	Dr. Laura Underdown	Natural Capital: Making Nature Work for the Farm
07 May	Dr. Sebastian Antreich	Nature's LEGO© bricks – from single plant cells to functional composites
21 May	Dr. Casper van der Kooi	Evolutionary ecology of floral visual signals
28 May	Prof. Dr. Sergio Rasmann	Phytochemical Diversity Across Space and Time
11 June	Dr. Ariane Gayout	Learning physics from insects: a butterfly lesson on flight
18 June	Prof. Folker Meyer	New Opportunities at the Interface of AI, Wastewater Metagenomics, and Epidemiology for Pandemic Preparedness and Hospital Hygiene
25 June	Dr. Joseph Chipperfield	Challenges for the implementation of The EU Biodiversity Strategy for 2030 for insects
02 July	Prof. Tanja Straka	Urban wildlife and human wellbeing
09 July	Dr. Paolo Biella	Is there an interdisciplinary "toolbox" for studying urban pollinators and enhancing habitats?
16 July	Dr. Tom Breeze	Interdisciplinary research for effective pollinator conservation

Thursday, 16:00 – 18:00, HS21 (WZWH21)

Connected LV: Summer Term 2026

Scientific journeys: Ecological principles and applications in practice

Module-ID: WZ0322; LV-ID: 0240494472

Online access:

<https://go.tum.de/650809> PW: Mm3du2yF

Prof. S. Leonhardt - Tel.: 08161-714574 - sara.leonhardt@tum.de

Kenneth Kuba - Tel.: 0816171-4236 kenneth.kuba@tum.de



Stay and chat with speakers after the talk.
Snacks and drinks are provided