

Complexity of Life in Basic
Research and Innovation

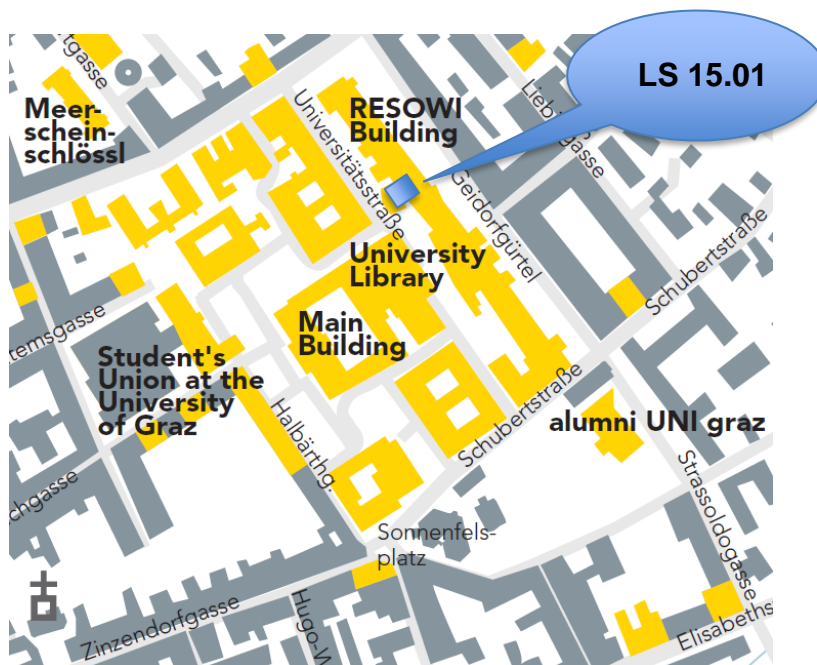
Field of Excellence
University of Graz

AGENDA

COLIBRI DAY & FORUM

29th of February 2024

09:00 – 18:00 CET



University of Graz

RESOWI LS 15.01

Universitätsstraße 15 / EG, 8010 Graz

We work for
tomorrow

www.uni-graz.at



09:00 – 12:30 COLIBRI DAY (Morning session)

09:00 – 09:15 Welcome

09:15 – 09:30 Opening

Thomas Schmickl & Alexander Goritschnig, Uni Graz

09:30 – 10:10 Complexity science for societal good

*Fariba Karimi, Institute of Interactive Systems and Data Science, TU Graz,
and CSH Vienna*

10:10 – 10:40 Mathematical modelling of socio-economic phenomena

Lara Trussardi, Institute of Mathematics and Scientific Computing, Uni Graz

10:40 – 11:00 Coffee break

11:00 – 11:30 What is affective creativity? Insights from reappraisal inventiveness,
malevolent ideation, and true crime consumption

Corinna Perchtold-Stefan, Institute of Psychology, Uni Graz

11:30 – 12:00 Pattern formation in biology: the role of signal transport mechanisms

Adrián Aguirre Tamaral, Institute of Biology, Uni Graz

12:00 – 12:30 Language between Redundancy and Deficiency. New perspectives on the
cognitive embedding of language

Edgar Onea, Institute of German Studies, Uni Graz

12:30 – 13:30 Lunchbreak

13:30 – 16:30 COLIBRI DAY (Afternoon session)

13:30 – 14:00 Complexity by repetition: Let's look at plant genomes

[Tony Heitkam](#), Institute of Biology, Uni Graz, and Chair of Plant Cell & Molecular Biology, TU Dresden

14:00 – 14:30 Development of human auditory cortex from childhood to adulthood: individual predispositions, natural maturation and learning-induced plasticity through musical training

[Annemarie Seither-Preisler & Peter Schneider](#), Institute of Psychology, Uni Graz

14:30 – 15:00 Macroscopic model for evacuation of bees

[Gundolf Haase](#), Institute of Mathematics and Scientific Computing, Uni Graz

15:00 – 15:30 MRI as a tool to investigate and induce brain plasticity in humans

[Theo Ferreira Marins](#), Institute of Psychology, Uni Graz

15:30 – 15:50 Coffee break

15:50 – 16:30 Moral responsibility in human-AI interaction

[Markus Kneer](#), IDea_Lab, Uni Graz

16:30 – 18:00 COLIBRI FORUM

- Update of COLIBRI Board of Speakers and Doc Academy Consortium
- Rooms in Leechgasse 42 (status and rough roadmap, update on secretary position)
- Rough budget overview of the current ZLV 22-24 and what we did so far
- Plans for the last year of ZLV 22-24 (Complexity of Life Conference, COLIBRI Focus Workshops & Fellowships, announcement of COLIBRI guest-professorships, etc.)
- Brainstorming about wishes for ZLV 25-27
- Discussions about FWF Emerging Fields follow-up possibilities for COLIBRICS

18:30 – **DINNER**, [Thomawirt, Leonhardstraße 40, 8010 Graz](#)