



Public presentations of PhD thesis projects Fakultätsöffentliche Präsentationen (FÖP)

15 March 2024, 08:30 – 17:20, University of Vienna Biology Building (UBB) SR 3.1

SLOT I 08:30 – 09:30

Chair: Hanna Schneeweiss

Alice Frisinghelli

Mesoderm and Coelom formation in the arrow worm Spadella cephaloptera

Supervisor: Tim Wollesen

Cristian Barrera

he adhesion system of Spadella cephaloptera

Supervisor: Tim Wollesen

Anna Pyttlik

Evolvability of inner and middle ears in birds and mammals

Supervisor: Philipp Mitteröcker

SLOT II 09:45 – 10:45

Chair: Hanna Schneeweiss

Konstantina Cheshmedzhieva

Bone and sediment paleogenetics for mapping Denisovan presence in Southeast Asia and Oceania

Supervisors: Katerina Douka, Martin Kuhlwilm

Thomas Beard

Providing (micro)context for Sediment DNA at Pleistocene Archaeological Sites

Supervisor: Mareike Stahlschmidt

Michelle Hämmerle

Social genomics in Late Antique and Early-Medieval societies

Supervisors: Martin Kuhlwilm, Pere Gelabert

SLOT III 11:00 – 12:00

Chair: Hanna Schneeweiss

Sonja Hoxha

Characterization of biogeochemical self-purification processes in the Vjosa River network with a focus on different spatial and temporal scales

Supervisors: Christian Griebler, Clemens Karwautz

Tobias Schernhammer

Bridging the gap between population genetics and historic landscape ecology for large branchiopods

Supervisor: Franz Essl

Cornelia Amon

Determinants of understory alpha diversity and interrelations between tree alpha diversity and carbon stock depending on stand structural characteristics in unmanaged forests of Austria

Supervisors: Franz Essl, Marcin Dyderski (Polish Academy of Science)

Lunch Break

SLOT IV 13:00 – 14:00

Chair: Christian Griebler

Elias Kapitany

Semi-natural grasslands in Europe: Regional conservation value, recent development trends and drivers

Supervisor: Stefan Dullinger

Iro Pierides

Data-driven dynamic tools for multi-omics integration and control

Supervisors: Wolfram Weckwerth, Steffen Waldherr

Liesa Geppner

Micro- and nanoplastic: Methodology for extraction and detection of plastic particles from human blood and mammalian tissue

Supervisors: Harald Wilfing, Maja Henjakovic (Danube Private University)

SLOT V 14:15 – 15:15

Chair: Christian Griebler

Xieting Wu

Mesofossil flowers from the Late Cretaceous flora of Southern Bohemia

Supervisors: Jürg Schönenberger, Maria von Balthazar

Anna-Sophie Hawranek

Floral development, floral diversity, and pollination biology in the genus Aquilegia

Supervisor: Jürg Schönenberger

Amin Ghane

The role of structural variation in adaptive radiation Persimmon trees in New Caledonia

Supervisor: Ovidiu Paun

SLOT VI 15:30 – 16:30

Chair: Christian Griebler

Benjamin Lazarus

Investigating plant-pollinator interaction in Melastomataceae, the most morphologically diverse buzz-pollinated family

Supervisor: Agnes Dellinger

Anna-Chiara Barta

Phylogeny and Evolution of Peracardia (Crustacea)

Supervisors: Luise Kruckenhauser, Martin Schwentner

Arne Bielke

Genomic Diversity, Ancestry and Inbreeding in New Zealand Feral Kaimanawa Horses

Supervisors: Elmira Mohandesan, Katrin Schäfer

SLOT VII 16:40 – 17:20

Chair: Christian Griebler

Marina Monsserat

Exploring the effects of biological nitrification inhibitors in the soil microbial communities

Supervisors: Christa Schleper, Melina Kerou

Guillem Coll Garcia

Bacterial Adaptation to High Salinity

Supervisors: Gerhard Herndl, Ramon Rosello-Mora (Superior Council of Scientific Research of Spain, University of Balearic Islands), Raffael Bosch (University of Balearic Islands)

Afterwards: Drinks in front of SR 3.1