

Seminar of the Doctoral School of Earth Sciences and Ecology

Biotic interactions and biodiversity patterns across scales

University of Tartu, Estonia

4 May 2018



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Programme

8:30 – 9:00 *registration, coffee/tea, putting up posters*

9:00 – 9:15 *Welcome*

9:15 – 9:45 Maarja Õpik (*Mycorrhizal diversity across scales: diversity of fungi, plants and mycorrhizal types*)

9:45 – 10:00 Aurèle Toussaint (*Asymmetric patterns of global diversity among plants and mycorrhizal fungi*)

10:00 – 10:15 Carlos Pérez Carmona (*Trait hierarchies and intraspecific variability drive coexistence among Mediterranean annual plant species*)

10:15 – 10:30 Siim-Kaarel Sepp (*Do plants care?: hints of specificity in plant-arbuscular mycorrhizal interactions*)

10:30 – 10:45 *leg stretcher*

10:45 – 11:15 Kadri Põldmaa (*Interacting diversity of fungi – from microbial associates to mushroom host*)

11:15 – 11:30 Mari Pent (*Bacterial communities in mushrooms: what determines their structure and function*)

11:30 – 11:45 Sergei Põlme (*Host specialization of biotrophic fungi: from case studies of *Alnus* symbionts to generalization on various fungal guilds*)

11:45 – 12:00 Sille Holm (*Plant – insect interactions in temperate and tropical regions*)

12:00 – 13:30 *lunch*

13:30 – 14:00 Ayco Tack (*The impact of belowground heterogeneity on species interactions*)

14:00 – 14:15 Pil Rasmussen (*Spatial patterns of arbuscular mycorrhizal fungal communities*)

14:15 – 14:30 Maria Faticov (*The impact of experimental heating and host genotype on tree phenology and fungal disease levels*)

~14:30 – 15:15 *coffee/tea*



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15:15 – 15:45 Tomas Roslin (*Dissecting ecological interaction webs*)

15:45 – 16:00 Kirsten Miller (*Arthropod and microbial networks in agriculture*)

16:00 – 16:15 Janne Koskinen (*Mushroom soup – metabarcoding fungus-associated communities*)

16:15 – 16:30 Kate Wootton (*Microhabitat use, mesocosms and models in multitrophic communities*)

16:30 – 16:45 *leg stretcher*

16:45 – 17:15 Mattias Jonsson (*Food webs in space: biological control of agricultural pests now and in the future*)

17:15 – 19:00 *posters and snacks*

20:00 ~ 00:00 *evening get-together*



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Poster presentations

Julieta Alvarez-Manjarrez

Effects of the Patricia hurricane on the soil fungal community in Neotropical dry forest

Alvaro Gaytan

The impact of changes in voltinism on the ecology and evolution of insect communities

Tiit Hallikma

Playing hide and seek with intraspecific trait variability

Inga Hiiesalu

Arbuscular mycorrhizal fungal communities in high-elevation Himalayas

Bulat Islamov

Triticum militinae introgressions into bread wheat affect host responses to powdery mildew challenge

Kati Kungas

Fungal endophytic communities in *Alnus incana* and *Corylus avellana* are shaped by tree organs and host species

Lena Neuenkamp

Reliance shapes the alliance: plant mycorrhizal status modulates correlation between plant and AM fungal communities

Etsuko Nonaka

Host population dynamics lead to diploid male production and decline of a natural hyperparasitoid population

Tanel Vahter

Application of arbuscular mycorrhizal fungi in vegetation restoration – restoring the below-ground for above-ground diversity

Eero J Vesterinen

Pellets of proof: First glimpse to the dietary composition of adult odonates as revealed by metabarcoding of faeces



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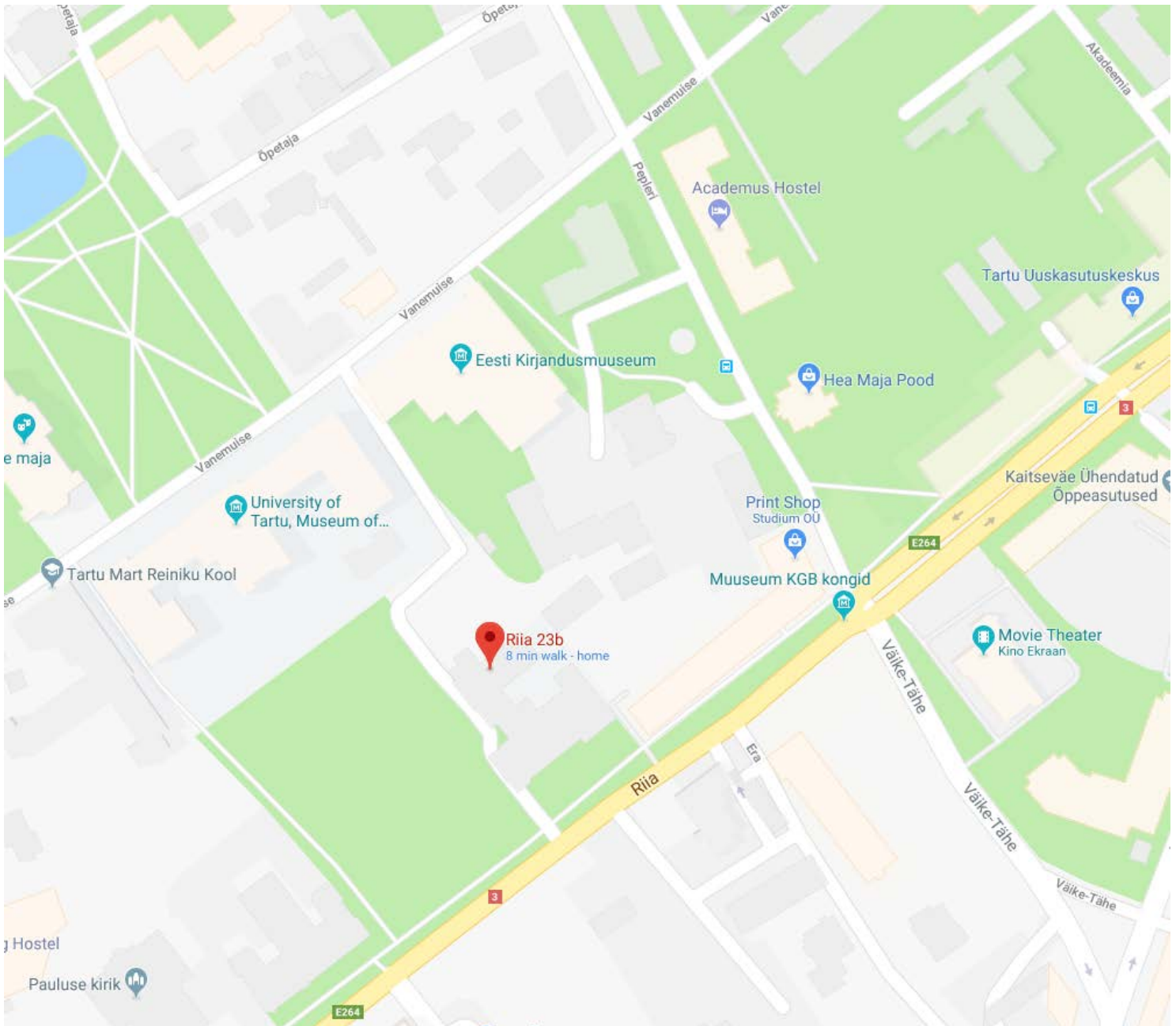


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Practical information

The meeting will take place at [The Estonian Biocentre](#) (OMICUM, Riia 23b, Tartu). The venue is about 1km from the city centre and is easily reachable by foot. Otherwise, the closest bus stops are Pauluse and Pepleri ([Tartu bus information](#)).

Map link: <http://bit.ly/bioscales>



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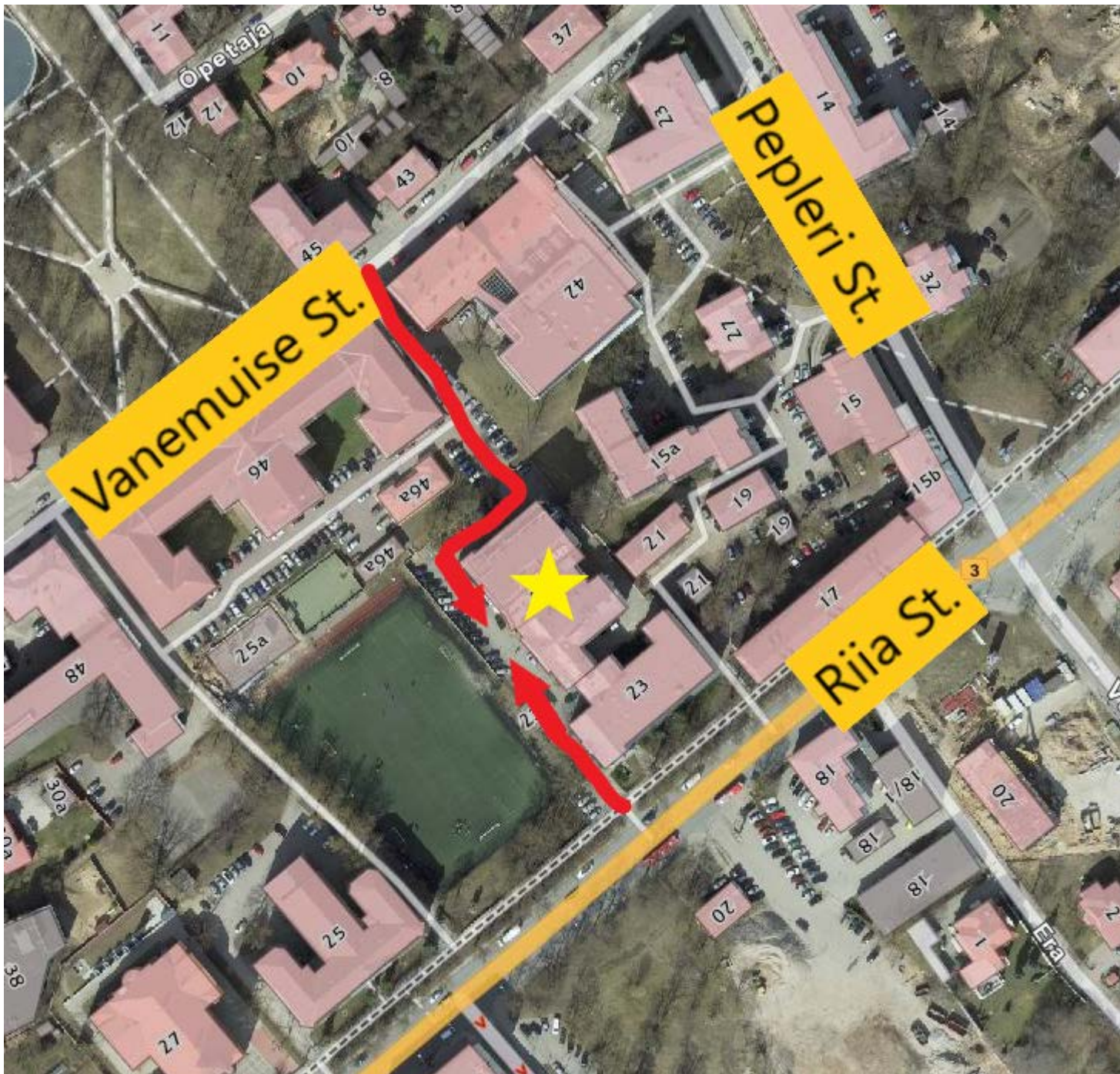


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The OMICUM building can be accessed from either Riia street or Vanemuise street, the door is in the alleyway between these two streets.



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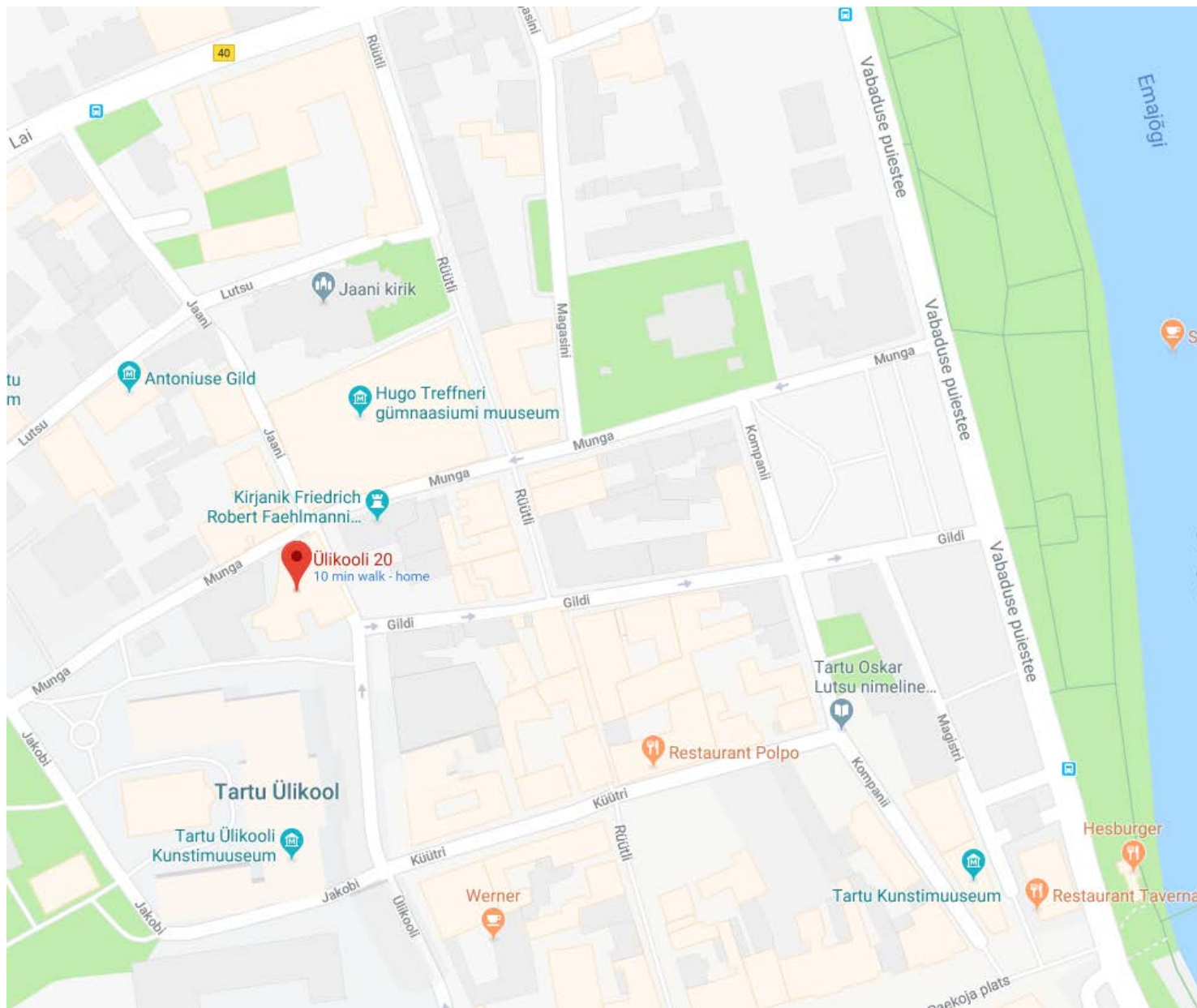
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The evening get-together will start at around 8 p.m. at the University Café Jazz Club, Ülikooli Street 20.

Map link: <http://bit.ly/bioscalesparty>



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Participants

Nerea Abrego	University of Helsinki
Marta Alos	Estonian University of Life Sciences
Julieta Alvarez-Manjarrez	National Autonomous University of Mexico
Laura H Antão	University of Helsinki
Anna Barr	Stockholm University
Carlos P Carmona	University of Tartu
Toomas Esperk	University of Tartu
Maria Faticov	Stockholm University
David García de León	University of Tartu
Alvaro Gaytan	University of Stockholm
Maret Gerz	University of Tartu
Tiit Hallikma	Estonian University of Life Sciences
Ignacio M Hernández-Agramonte	University of Tartu
Inga Hiiesalu	University of Tartu
Maris Hindrikson	University of Tartu
Bulat Islamov	Tallinn University of Technology
Mattias Jonsson	Swedish University of Agricultural Sciences
Kaia Kask	Estonian University of Life Sciences
Kadri Koorem	University of Tartu
Janne S Koskinen	University of Eastern Finland
Olavi Kurina	Estonian University of Life Sciences
Urmas Kõljalg	University of Tartu
Kati Kungas	University of Tartu
Lauri Laanisto	Estonian University of Life Sciences
Daniela Leon	University of Tartu
Anne-Liia Maido	Estonian University of Life Sciences
Kristiina Mark	Estonian University of Life Sciences



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Kirsten Miller	The Swedish University of Agricultural Sciences
Mari Moora	University of Tartu
Oliver Moss	Stockholm University
Lena Neuenkamp	University of Tartu
Etsuko Nonaka	Stockholm University
Jane Oja	University of Tartu
Maarja Öpik	University of Tartu
Eveli Otsing	University of Tartu
Mari Pent	University of Tartu
Juha-Matti Pitkänen	University of Helsinki
Kadri Pöldmaa	University of Tartu
Sergei Põlme	University of Tartu
Meelis Pärtel	University of Tartu
Kadri Pärtel	University of Tartu
Pil U Rasmussen	Stockholm University
Maris Rattur	Estonian University of Life Sciences
Kersti Riibak	University of Tartu
Tomas Roslin	Swedish University of Agricultural Sciences & University of Helsinki
Kadri Runnel	University of Tartu
Linda Rusalepp	University of Tartu
Kaarel Sammet	Estonian University of Life Sciences
Siim-Kaarel Sepp	University of Tartu
Kaido Soosaar	University of Tartu
Ave Suija	University of Tartu
Martin Zobel	University of Tartu
Ayco Tack	Stockholm University
Toomas Tammaru	University of Tartu
Riin Tamme	University of Tartu
Tiit Teder	University of Tartu
Mari Tilk	Estonian University of Life Sciences



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Diego PF Trindade	University of Tartu
Andro Truuverk	University of Tartu
Sabrina Träger	University of Tartu
Tanel Vahter	University of Tartu
Daniel Valdma	University of Tartu
Laura van Dijk	Stockholm University
Martti Vasar	University of Tartu
Eero J Vesterinen	University of Turku
Mari-Liis Viljur	University of Tartu
Helena Wirta	University of Helsinki
Kate Wootton	Swedish University of Agricultural Sciences



Organizers

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