



PROGRAM

THE HIDDEN HALF OF ECOSYSTEMS 7-11 October 2024

Program (Lectures and Seminar)

- Introduction to Root Systems
- Mycorrhizal Biodiversity and Function
- Root-Mycorrhizal Interactions
- Abiotic Effects on Root Systems and Mycorrhizae
- Roots and Mycorrhizae in Ecosystem Functioning

Program (Forest and Laboratory)

- Soil Sampling, Sample Preparation
- Root Classification and Imaging
- Morphotyping of Ectomycorrhizal Root Tips
- Genetic Analyses of Fungal Soil Diversity

	Monday	Tuesday	Wednesday	Thursday	Friday
8-9		Field Sampling			
9-10:30	Lecture 1	Field Sampling	Lab	Lab	Data prep/ Presentation prep I
10:30-12	Lecture 2	Field Sampling	Lab	Lab	Method lecture DNA
Lunch	Mensa	Sandwich	Mensa	Mensa	Mensa
12:30-14	Lecture 3	Field Trip / Lab	Lecture 4	Lecture 5	Presentation prep II, recap
14-15:30	Lab Intro	Lab, sample prep	Lab	Lab	Presentations
Coffee break					
16-17:30	Field Sampling prep	Lab	Lab	Lab / Data prep	
		Social evening			



The course is held within the project ERA Chair: Striving for Excellence in the Forest Ecosystem (EXCELLENTIA), receiving funding from the European Union's Horizon Europe. Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or European Research Executive Agency. Neither the European Union nor the granting authority can be held responsible for them."