



# SwissForestLab ScienceDay

## 6<sup>th</sup> October 2023

### ETH Zurich

## Event Program

08:00 - 09:00

**Registration**

09:00 - 09:15

**Welcome and opening ceremony**

**Session 1** Chair: Grossiord, Charlotte

09:15 - 09:45

1.0 Hille Ris Lambers, Janneke

**Keynote:** Forest regeneration in a changing world

09:45 - 10:00

1.1 Hermann, Mauro

**Junior Keynote:** Meteorological history of low-forest-greenness events in Europe in 2002-2022

10:00 - 10:15

1.2 Eisenring, Michael

Legacy Effects of an Extreme Drought Event Can Modulate Phytochemical Profile and Leaf Herbivory in European Beech

10:15 - 10:30

1.3 Deluigi, Janisse

The Impact of Tree-tree Interactions on Leaf-level Carbon Exchange Under Heat Vs. Drought Stress

10:30 - 11:00

**Coffee break and poster session** (posters of Session 1 & 2)

11:00 - 11:15

1.4 Didion-Gency, Margaux

Chronic Warming and Dry Soils Limit Carbon Uptake and Growth Despite a Longer Growing Season in Beech and Oak

11:15 - 11:30

1.5 Marano, Gina

Predisposing and Inciting Stress Factors Leading to Drought-induced Mortality

11:30 - 11:45

1.6 Wang, Songwei

Leaf Minimum Conductance And Residual Water Use In 9 European Tree Species During A Hot Drought

11:45 - 13:15

**Luch Break**



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**Session 2** Chair: Gessler, Arthur

13:15 - 13:45	2.0	Bauhus, Jürgen	<b>Keynote:</b> Hiking without map and compass? The path to adapting our forests
13:45 - 14:00	2.1	Beliou Schwenke, Mirela	<b>Junior Keynote:</b> Tree Species Response to Drought in Temperate Forests: New Monitoring Perspectives
14:00 - 14:15	2.2	Schmidt, Michael	Deep Soil Organic Matter Response to Warming is Depth- and Site-specific
14:15 - 14:30	2.3	Guidi, Claudia	Drought Impacts Soil Carbon Storage Through Changes in Soil Biota – Evidence from a Long-term Irrigation Experiment in a Dry Pine Forest
14:30 - 15:00		<b>Coffee break</b>	
15:00 - 15:15	2.4	Mas, Eugenie	Enhanced Water Source Partitioning is Not Enough to Overcome Drought Impacts in Mixed Mediterranean Forests
15:15 - 15:30	2.5	Pistone, Azzura	Unraveling the Demographic History of Abies Spp. By Combining Ancient Pollen Data with Genetic Simulations
15:30 - 15:45	2.6	Diaz-Yanez, Olalla	Tree Migration in Complex Landscapes
16:00 - 17:00		<b>Apèro and poster session</b> (posters of Session 1 & 2)	