

Event Program

08:00 - 09:00

Registration

09:00

Welcome**Session 1** Chair: Hoch, Günter

09:00 - 09:30

1.0

Buras, Allan

Keynote: Studying the climate-change resilience of forest ecosystems in space and time

09:30 - 09:45

1.1

Floriancic, Marius G.

Revealing The Origin, Age And Seasonality Of Streamflow, Soil Waters And Transpiration

09:45 - 10:00

1.2

Steger, David N.

Drought Effects on Root Water Uptake Depth of Temperate Trees – Findings from a Two-year Rain Exclusion Experiment

10:00 - 10:15

1.3

Dups, Raphael

Drought Vulnerability in a Temperate Forest Stand: A Comparison of Conspecific Mature and Juvenile Trees

10:15 - 10:30

1.4

Schaub, Marcus

VPDrought – a Novel Approach to Disentangle Atmospheric and Soil Drought in a Natural Scots Pine Fores

10:30 - 11:00

Coffee break

11:00 - 11:15

1.5

Zhorzel, Tobias

Relevance of Osmotic Adjustment During Drought in Mature Temperate Trees

11:15 - 11:30

1.6

Braun, Sabine

Recent Drought Effects on Beech, Oak and Spruce compared to four decades of Intercantonal Long-term Forest Observation

11:30 - 11:45

1.7

Marano, Gina

Simulating the recent drought-induced mortality of European beech (*Fagus sylvatica* L.) and Norway spruce (*Picea abies* L.) in German forests

11:45 - 12:00

1.8

Lukovic, Mirko

Virtual Trees

12:00 - 12:15

1.9

Beloiu Schwenke, Mirela TreeAI: A High-resolution Global Dataset for Advancing AI-based Forest Monitoring

12:15 - 13:30

Lunch Break and poster session (posters of Session 1 & 2)

Session 2 Chair: Vitasse, Yann

13:30 - 14:00	2.0	Grendelmeier, Alex	Spotlight: Impact of climate change and extreme events on Swiss (forest) birds
14:00 - 14:15	2.1	Kurath, Dave	Leaf Spectroscopy Reveals Drought Response Variation in <i>Fagus Sylvatica</i> Saplings from Across the Species' Range
14:15 - 14:30	2.2	Schneider, Pascal	Flush to Crush: The Paradox of Favourable Springs Leading to Tree Mortality
14:30 - 14:45	2.3	Luo, Yunpeng	The Underlying Physiological Reasons Cause Delayed Spring Photosynthesis Resumption
14:45 - 15:00	2.4	Deluigi, Janisse	Photosynthetic and Respiratory Acclimation Cannot Compensate Reduced Plant-level Carbon Uptake in Beech and Oak Saplings Under Prolonged Warming and Drought
15:00 - 15:30		Coffee break	
15:30 - 16:00	2.5	Bottero, Alessandra	Keynote: Mountain Forests in a Changing Climate: Challenges, Insights, and Adaptation Strategies
16:00 - 16:15	2.6	Hunziker, Stefan	Tree crown defoliation and tree mortality in Swiss forestry
16:15 - 16:30	2.7	Marande, Camille	Drought Resilience of 14 Native and Non-native Tree Species in the Long-term Experimental Plantation Copera, Based on Treering Analyses and Quantitative Wood Anatomy
16:30 - 16:45	2.8	de Boer, Maaïke	Enhancing Resilience of Temperate European Forests by Promoting Rare Native Tree Species (RareSpec Project)
16:45 - 17:00	2.9	Heubel, Sina	Assessing Forest Dynamics Tools for Tackling Emerging Challenges in Forest Management
17:00 - 18:00		Apéro and poster session	(posters of Session 1 & 2)