

Pfynwald Irrigation Experiment

Program for the 2014 Workshop



Swiss Federal Research Institute WSL, Zürcherstrasse 111, 8903 Birmensdorf

26 November 2014, 9:00 – 15:00, room EP D1

<u>Welcome coffee</u>		8:30 – 9:00
<u>Introduction</u>	A. Rigling & M. Schaub	9:00 – 9:10
<u>Physiology & Anatomy</u>		
Tree physiology 1 & microclimate	R. Zweifel	9:10 – 9:20
Tree physiology 2 & microclimate	M. Mencuccini & Y. Salmon	9:20 – 9:30
Leaf gas exchange	M. Schaub & Y. Salmon	9:30 – 9:40
New isotope results	G. Timofeeva, M. Saurer, R. Siegwolf	9:40 – 9:50
Wood structure and function	G. von Arx et al.	9:50 – 10:00
Discussion	All	10:00 – 10:15
<u>Soil</u>		
Soil moisture & C fluxes modeled with CoupModel	M. Dawes & E. Graf Pannatier	10:15 – 10:25
Carbon cycle	F. Hagedorn	10:25 – 10:35
Root growth and decomposition	I. Brunner & C. Herzog	10:35 – 10:45
The effect of increased precipitation on the soil microbiome	M. Hartmann & B. Frey	10:45 – 10:55
Discussion	All	10:55 – 11:10
<u>Various Projects</u>		
Resin flow	C. Simeon, B. Wermelinger, A. Rigling	11:10 – 11:20
The dynamics of carbon storage and remobilization in trees as affected by drought – a ¹⁴ C approach	L. Galiano, A. Gessler et al.	11:20 – 11:30
Nonstructural carbohydrates, Nutrients and ¹³ C-isotopes	M. Li, A. Gessler, A. Rigling, G. Hoch et al.	11:30 – 11:40
Various project ideas	All	11:40 – 11:50
Discussion	All	11:50 – 12:05
<u>Lunch</u>	All	12:05 – 13:00
<u>Anticipated publication activities</u>	All	13:00 – 13:30
<u>2015 Outlook</u>	M. Schaub	13:30 – 14:00
<u>Synthesis</u>	All, moderated by G. Hoch & A. Gessler	14:00 – 15:00
<u>Closing of the 2014 workshop</u>		15:00