

Program of the workshop

Tuesday 29 May

Time	Topic	Activities
12:45	5'	Welcome
12:50	30'	Welcoming words Introductory presentation by Fritz Schweingruber
13:20	10'	Timing of tree ring formation processes Summary 1 st Workshop Saas-Klassen U. Summary of the first workshop in Wageningen (NL)
13:30	30'	Pause
		STATE OF THE ART Presentations on ongoing research
13:50	20'	Fundamentals Grabner M. New parameters to describe the relationships between environment and wood structure
14:10	20'	Fonti P., Garcia-Gonzalez I. Establishing the basis for the analysis of time series of conductive cells: 1) the methodological procedure
14:30	20'	Garcia-Gonzalez I., Fonti P. Establishing the basis for the analysis of time series of conductive cells: 2) the ecological variability
14:50	20'	Deslauriers A, Rossi S. and Anfodillo T. Anatomical analysis during xylogenesis: Potential and application
15:10	30'	Pause
15:30	20'	Intra-annual analysis Gricar J. Wood formation in Norway spruce during 2002-2004 studied by pinning technique
15:50	20'	Schmitz N. Growth characteristics of the mangrove species <i>Avicennia marina</i> as revealed by the pinning technique
16:10	20'	Eilmann B. Wood anatomical analysis of pine and oak growing under different water supply on annual and intra-annual level.
16:30	30'	Pause
17:00	20'	Methods Von Arx G. Measuring of annual rings and intra-annual vessel features with automated image analysis
17:20	20'	De Micco V., Aronne G. Digital image analysis of xylem cross sections for anatomical parameterization and functional interpretations
17:40	20'	Geihofer D. Using x-ray densitometry films for anatomical measurements
18:00	20'	Seo JW., Eckstein D., Schmitt U., Jalkanen R., Salminen H., Rickebusch S. Intra-annual radial growth analysis: from data preparation to results.
18:20	END	
19:30	90' +	Dinner (Zurich Down Town)

Wednesday 30 May

Time	Topic	Activity
	STATE OF THE ART	Presentations on ongoing research (continuation)
08:30	20'	Applications I Vansteenkiste D. Relationships between phenological behaviour, physical wood properties and quantitative wood anatomical traits in juvenile and mature trees
08:50	20'	Dunker P. Quantitative analysis of intra-annual wood density pattern as derived from HF-Densitometry
09:10	20'	Gaertner H. Cell variations in stems and roots due to mechanical stresses
09:30	30'	Pause
10:00	20'	Applications II Fichtler E. Quantitative parameters in different tropical <i>Terminalia</i> species
10:20	20'	Trouet V. Growth periodicity in the Miombo woodland
10:40	20'	Ruthishauser T. Does wood anatomy contain information of the timing of spring phenological developmental stages? Preliminary results from a Swiss case study
11:00	20'	Kaczka R., Deslauriers A., Morin H. High-precision debris flows dating using model of intra-annual tree-ring growth
11:20	90'	Lunch (WSL)
12:30	20'	Applications III Land A. Cell-size measurements in oaks from two riverine forests (River: Main)
12:50	20'	Saas-Klaassen U. Flooding and sand storms documented in the wood anatomy of oak
13:10	20'	Friedrich M. Potential of the Hohenheim Oak Chronology for image analysis
13:30	END	
13:30	30'	Pause
	FUTURE	Presentations on future vision
14:00	60'	Presentations of participants
15:00	15'	Pause
15:15	60'	Presentations of participants (continuation)
16:15	END	
	15'	Pause
	LAB VISIT	Visit of the labs
16:30	60'	Visit of the "laboratory of wood anatomy"
17:30	60'	Aperitif
18:30	END	

Thursday 31 May

Time	Topic	Activity
	DISCUSSION	Discussion about (common) future
09:00	60'	1) Defining QWA
10:00	15'	Pause
10:15	60	2) Contributions to the development of QWA
11:15	30'	Pause
11:45	30'	Conclusions and outlook
12:15	END	By organizers
12:15	60'	Lunch (WSL)