

2nd Workshop on Quantitative Wood Anatomy

Birmensdorf, 29-31 May 2007



We are pleased to invite you for the **Second Workshop on Quantitative Wood Anatomy**. This meeting will take place at the WSL in Birmensdorf, close to Zurich, in Switzerland. If interested, please reserve the date of May 29th to 31st 2007. A web page for the workshop as been opened ([go to the webpage](#)).

Quantitative wood anatomy is dedicated to the measurement, quantification and study of intra-annual wood anatomical characteristics (e.g., number of vessels, tracheid size, cell wall thickness), analyzed through time (within or along the growing seasons), and used to characterize the relationships between tree growth and the environment.

The **goals** of the workshop are:

- 1) to the mutual update of participants about recent progresses in methods and applications of quantitative wood anatomy
- 2) a) to define common goals/needs/perspective on quantitative wood anatomy,
b) to evaluate if an international cooperation network is required and
c) to specify the way the cooperation should work

Participants at the workshop will be therefore asked to first present their recent advancement in their projects/methods/results on quantitative wood anatomy (10 to 20 minutes), and in a second presentation to show their own future goals/vision/expectations/needs in this field (5-10 minutes). These presentations will then be the base for a (informal) plenum discussion in order to define:

- i) if we have common goals,
- ii) if we want to create an international cooperation network and,
- iii) if yes, how do we concretely implement the cooperation.

Costs:

Each participant will have to fund him/herself for traveling and housing. We are looking for funding from sponsors to support people that cannot afford all the expenses, and for offering the meals.

If you are interested, please send an e-mail to patrick.fonti@wsl.ch giving a tentative title of your first presentation, so that we can make a draft of the program and let it circulating soon. To help you in giving a structure to your presentation, here as follow an (incomplete) example of topics related to the quantitative wood anatomy:

Methods

- Sampling (defining sample size and sampling techniques as pinning or punching)
- Wood preparation techniques
- Measurement techniques and software
- Data/Time series analysis and statistical characterisation of anatomical features

Applications

- (Annual) ring identification (tropical research)
- Understanding tree response – tree functioning
- Identification of proxies to ecological/climatological reconstruction

Deadline for title submission is February 15th. Before February 28th you will get confirmation if the workshop will take place and more details on organization (Program included).



The organizers:

Patrick Fonti, Britta Eilmann, Paolo Cherubini