

**COST ACTION E50: Cell Wall Macromolecules and Reaction Wood
Joint Working Group 2 – 3 – 4 Meeting****“Regulation of lignin biosynthesis
and reaction wood induction”**

Laboratoire de Mécanique et Génie Civil, Université Montpellier 2
Campus St. Priest, Bat. 2, 860 Route de St. Priest, 34095 Montpellier, France

*Draft Agenda***Monday 26/03/07**

- 13:30 - 14:00 Welcome
- 14:00 - 17:00 Session on the regulation of lignin biosynthesis
chair: Kurt Fagerstedt (FI)
- 14:00 - 14:40 Introductory lecture by Kurt Fagerstedt (FI)
- 14:40 - 16:30 Discussion following the lecture on following subject: transcription factors taking part in the regulation of monolignol biosynthesis, regulation of transport of monolignols to the apoplast, and the regulation of hydrogen peroxide levels in the apoplast. Contributions on the bioinformatic level to account for progress in Poplar genome sequencing are welcome.
- 16:30 - 17:00 Synthesis and suggestions for definition of research priorities.

Tuesday 27/03/07

- 09:00 - 12:00 Session on reaction wood induction
Chair: Mériem Fournier (FR)
- 09:00 - 09:40 General introduction by Mériem Fournier (FR): Overview on the induction of reaction wood: what's new since Archer and Wilson 1977?
- 09:40 – 10:00 Oral presentation by T. Alméras (FR): Tree functional diversity and gravitropism as a key process for tree growth in dense canopies. Some observations in the tropical rainforest.
- 10:00 - 11:30 Discussion on reaction wood induction : Questions from forestry and wood science to tree physiology, tree genomics and forest ecology ? Connexions between wood structural and chemical analysis and reaction wood biology : are we speaking the same language ?
- 11:30 -12:00 Synthesis and suggestions for definition of research priorities.
- 12:00-13:30 General discussion:** proposals for future actions (seminars, research projects ...)
- 12:00-13:30 Lunch** in a close-by restaurant
- 14:00-16:30 Management committee meeting**
MC agenda will include a discussion around a book project on tension wood. Participation of concerned delegates outside the MC is welcome.