

Wood Matters – A celebration of the work of John Barnett

Sponsored by
The Linnean Society of London, International Academy of Wood Science,
International Association of Wood Anatomists

29th and 30th May 2008

At The Linnean Society of London, Burlington House, Piccadilly, London, W1J 0BF

Professor John Barnett FLS, Past President of the IAWS and active IAWA Member retired two years ago from the University of Reading following a very productive career as developmental plant anatomist, overall wood scientist, and successful science administrator and editor. At this joint meeting a number of John's colleagues and friends will review recent developments on his pet subjects in wood science and plant development such as cell wall ultrastructure, the cambium, reaction wood, and various applied aspects of wood anatomy. John Barnett himself will present the prestigious Academy Lecture of the IAWS. In addition the programme caters for a wide range of contributed papers and posters on xylem by members and fellows of the three organizing societies.

Preliminary programme of invited papers and call for contributed papers and posters

Thursday 29th May

- 9.00 Arrival and registration
- 9.30 Welcome by **David Cutler**, President of the Linnean Society of London
- 9.40 **Xavier Deglise** - *Relationships between wood microstructure, adhesion, finishes and their durability*
- 10.25 **George Jeronimidis** - *Reaction woods: inspiration for smart materials and structures*
- 10.50 **Frank Beall** - *Some published and unpublished ultrasonic research on wood*
Brian Butterfield - *Compression wood*
- 11.25 Coffee
- 11.55 **Peter Gasson** - *Anatomy and identification of CITES woods*
- 12.20 **Regis Miller** - *Non-anatomical features in wood identification*
- 12.40 Lunch & poster session
- 14.00 8 contributed papers
- 16.00 Tea
- 16.30 Academy Lecture by **John Barnett**, introduced by **Xavier Deglise**, President of IAWS - *Understanding cambial behaviour: the key to wood quality*
- 17.30 Reception and poster session
- 19.30 Optional dinner



Friday 30th May

- 9.00 **Katia Ruel** - *Analysis of genetically modified plants to better understand the macromolecular assembly in lignified cell walls*
- 9.25 **Anne Mie Emons** - *From cellulose synthase to xylem texture in a systems biology approach*
- 9.50 **Jean-Paul Joseleau** - *Wood fibre's ultrastructural organization influences their pulping behaviour and paper properties*
- 10.25 **Peter Barlow, Nigel J. Chaffey, Eleftherios P. Eleftheriou & Jacqueline Lück** - *Unresolved matters in the vascular cambium: where do all the cells come from?*
- 1050 Coffee
- 11.20 **Björn Sundberg** - *FuncFiber: a large scale initiative towards understanding gene function in wood formation*
- 11.45 **Uwe Schmitt** - *High resolution cambium dynamics: a useful approach for the determination of climate effects on wood formation in trees.*
- 12.10 **Pekka Saranpää** - *Climate change and wood structure*
- 12.35 Lunch & poster session
- 14.00 8 contributed papers
- 16.00 Tea
- 16.30 4 contributed paper

Saturday 31st May

Optional excursion to Wakehurst Place and the Millennium Seed Bank, details TBA.

For registration and submission of contributed papers (each 15 minutes, including 3 minutes for discussion) and posters, please visit www.linnean.org/index.php?id=226.

NB. Since the number of posterboards and contributed papers is limited to 20 each, submissions will be accepted until all slots are full.

The organizers regret that we are unable to subsidise travel and accommodation. For a list of local hotels at discounted rates see <http://www.linnean.org/index.php?id=161>.

