

Hosted by:



IUFRO Tree Biotechnology 2011

"From genomes to integration and delivery"
June 26 - July 2, 2011 - Arraial d'Ajuda, Bahia, BRAZIL

Tree Biotechnology

Forest trees have unquestionably entered the genomic era. The updated Poplar genome, the upcoming *Eucalyptus* genome and the concerted efforts towards a conifer genome sequence are increasingly fueling a multitude of studies and applications both in sustainable forest production and conservation. Besides wood development, disease resistance, abiotic stress and reproductive biology, tree biotechnology research is now addressing the challenges of bioenergy production and carbon sequestration, while generating fundamental information on the impact of trees on ecosystems and the associated biodiversity. Time calls for integration rather than reduction with an increased sense of urgency for delivery of effective biotechnologies.

IUFRO Tree Biotechnology Conference

The IUFRO (International Union of Forest Research Organizations) Tree Biotechnology biannual conference has established a solid tradition for over 20 years as the official meeting of the IUFRO working group 2.04.06 – Molecular biology of forest trees. The most recent meetings were held in Whistler (Canada), Azores (Portugal); Pretoria (South Africa); Umea (Sweden); Skamania (USA) and Oxford (England). This conference has convened scientists and foresters interested in the basic genetics, molecular biology and physiology of forest trees, and the application of this knowledge to tree improvement and conservation. The Tree Biotechnology Conference has been the premiere international forum where the most cutting edge research in tree biotechnology, coming from academia and industry, is presented.

Who should attend

Senior academic, government, and industry scientists, breeders and forest engineers; postdoctoral fellows, graduate and advanced undergraduate students; policy makers.

Scientific and advisory committee

Alexander Myburg - University of Pretoria - South Africa
Armand Seguin - Canadian Forest Service - Canada
Bjorn Sundberg - Umea Plant Science Center - Sweden
Carl Douglas - University of British Columbia - Canada
Christophe Plomion - INRA - France
Cristina Marques - Instituto RAIZ - Portugal
Jaqueline Grima-Pettenati - Université Toulouse - France
Jeff Dean - University of Georgia - USA
John Mackay - Université Laval - Canada
Maud Hinchee - Arborgen - USA
Matias Kirst - University of Florida - USA
Matthias Fladung - Universität Hamburg - Germany
Meng-Zhu Lu - Chinese Academy of Forestry - China
Rene Vaillancourt - University of Tasmania - Australia
Ron Sederoff - North Carolina State University - USA
Ross Whetten - North Carolina State University - USA
Scott Merkle - University of Georgia - USA
Shawn Mansfield - University of British Columbia - Canada
Simon Southerton - CSIRO - Australia
Stephen Di Fazio - West Virginia University - USA
Steve Strauss - Oregon State University - USA
Taku Demura - Riken Plant Science Center - Japan
Victor Busov - Michigan Technological University - USA
Wout Boerjan - VIB/Universiteit Gent - Belgium

Local organizing and scientific committee

Dario Grattapaglia - EMBRAPA
Georgios Pappas - EMBRAPA
Karina C. Zamprogno - VERACEL
Marliia R. Pappas - EMBRAPA
Danielle A. Faria - EMBRAPA
Vania Azevedo - EMBRAPA
Julio Cesar Cascardo - UESC
Carlos Alberto Labate - USP
Gonçalo Pereira - UNICAMP
Acelino C. Alfenas - UFV
Giancarlo Pasquali - UFRGS
Arthur Fett-Neto - UFRGS
Rogerio Margis - UFRGS
Rosane Collevatti - UFG
Isabel Gerhardt - EMBRAPA
Marcos Deon Resende - EMBRAPA

Contact information:

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Conference webpage: Coming soon!

Brazil welcomes you to IUFRO Tree Biotech 2011

The 2011 edition of the Tree Biotech Conference will be in Brazil, one of the countries with the world most outstanding forestry aptitude. We are very pleased to invite you to come down to experience the dazzling coast of southern Bahia in Arraial d'Ajuda, a key historical site where Brazil was first "discovered" by the Portuguese navigators and next door to some of the most productive plantation forest sites on earth. You can check the beautiful conference venue at www.arraialresort.com.br.

Tree Biotech 2011: science, social and field

The conference will provide an exceptional mix of science, social activities and field exploration. We are inviting some of the top international scientists to share their latest results and vision on biotechnology and related fields. We will strongly encourage both oral and poster presentations from a breadth of the international tree research community, including junior researchers as well as graduate and advanced undergraduate students. In a full day of field visits, delegates will have a chance to visit Veracel's *Eucalyptus* clonal forests and micro-cutting nursery, its modern 1.2 M tons/yr pulp mill and its outstanding Atlantic Forest Biodiversity Station, all of them very close, in a 50 km range from the conference venue. Last, but by no means least, besides the wonderful beaches, we plan for an appealing social program built upon the amazing musical and dancing traditions of Bahia to provide a very relaxed and informal environment to help foster very productive scientific interactions.

Provisional conference sessions

1. Population genomics, conservation and adaptation
2. Linkage and association mapping
3. Genomics assisted breeding
4. Reproduction, growth and development
5. Biotic and abiotic interactions
6. Wood formation
7. Propagation and In vitro technologies
8. Genomic, proteomic and metabolomic technologies
9. Biosafety, certification and economics of tree biotechnology

More information coming soon

A website for the Conference will be up soon with the first call for papers and more detailed information on paper submission and publication, registration, accommodation, social program, travel and visa information. English is the official language. The organizing committee is working to secure governmental and industrial sponsorships to facilitate the broadest participation possible. **So mark the conference on your 2011 calendar, June 26 - July 2. We look forward to welcoming you in person!**