International Conference "Adapting forests ecosystems and wood products to biotic and abiotic stress"

Integrating tools, methods and disciplines to face global change

Announcement and Call for Abstracts

Organized by the European Union Marie-Curie project *TOPWOOD*, the International Associated Laboratory INRA (France)-INTA (Argentina) *FORESTIA* and the INTA EEA Bariloche Forest Research Unit, Argentina

11-15 March 2019, San Carlos de Bariloche, Argentina

The human activities interact with the essential processes that regulate the biosphere. They strongly influence the survival and distribution of ecosystems and species. For example, recent drought-induced diebacks associated with the climate warming are manifestations of maladaptation. However, they also provide opportunities to study the adaptive value of traits that can be observed in both dead and surviving trees, the wood properties. The wood functions explain why tree response to environmental variation may affect forest productivity and forest-wood chain. This international conference will address the functional role and the genetic determinism of adaptive traits involved in the response to stressors associated with the global change. With the intensification of international trade and travel, an increasing number of forest pests are exotic. The conference will also focus on the study of the invasion pathways and risks, and evolutionary mechanisms involved in the species adaptive success. The conference includes four sessions:

1. **Wood functional traits and wood quality facing global change,** chaired by Maria-Elena Fernandez (CONICET, Argentina), Sabine Rosner (BOKU University, Austria) and Alejandro Martinez-Meier (INTA, Argentina)
2. **Innovative phenotyping tools for wood functional and quality traits studies**, chaired by Esther Merlo (MADERA PLUS, Spain), Gonzalo Caballe (INTA, Argentina), Jean-Paul Charpentier (INRA, France)
3. **Invading and expanding forest insects populations**, chaired by Juan Corley (INTA, Argentina) and Marie-Anne Auger-Rozenberg (INRA, France)
4. **Plastic and evolutionary adaptation of forest trees to biotic and abiotic stress**, chaired by Philippe Rozenberg (INRA, France), Vincent Segura (INRA, France), Verónica Arana (INTA, Argentina)

This conference is organized by the European Union H2020 RISE project TOPWOOD and by the international associated laboratory INRA-INTA FORESTIA.

Confirmed Speakers (alphabetical order)

- Thierry **Ameglio**, INRA, France
- Marie-Anne **Auger-Rozenberg**, INRA, France
- Hervé **Cochard**, INRA, France
- Juan **Corley**, INTA, Argentina
- Guillermina **Dalla-Salda, INTA**, Argentina
- Maria Elena **Fernandez**, CONICET, Argentina
- Javier **Gyenge**, CONICET, Argentina

- Mathieu **Laparie**, INRA, France
- Nicolas **Martin-St Pierre**, INRA, France
- Alejandro **Martinez-Meier**, INTA, Argentina
- Esther **Merlo**, MADERA PLUS, Spain
- Cyrille **Rathgeber**, INRA, France
- Sabine **Rosner**, BOKU University, Austria
- Philippe **Rozenberg**, INRA, France
- Vincent **Segura**, INRA, France
- Anne-Sophie **Sergent**, CONICET, Argentina
- Marc **Villar**, INRA, France

Call for Oral Presentations and Posters

Abstracts for voluntary oral presentation should be submitted before December 15, 2018. The number of oral presentations is limited, the conference scientific committee will process a selection and confirm your presentation not later than January 15, 2019. Please indicate in which session (1, 2, 3 or 4) you wish to submit your oral presentation.

Abstracts for posters should be submitted during the registration. Please note that we do not print the posters, but racks & pins will be provided for up to A0 sizes.

Abstract templates are available upon request at dallasalda.guillermina@inta.gob.ar or philippe.rozenberg@inra.fr.

Registration and registration costs:
To register send a mail to Guillermina Dalla-Salda (dallasalda.guillermina@inta.gob.ar, INTA, Argentina) and Philippe Rozenberg (philippe.rozenberg@inra.fr, INRA, France). Registration costs are 1000 AR$ for Argentinean scientists, 500 AR$ for Argentinean students, 40 euros/50 US$ for foreign scientists, 20 euros/25 US$ for foreign students. Instructions for payment will be posted later.

Coordinators:
Guillermina Dalla-Salda (INTA, Argentina) and Philippe Rozenberg (INRA, France)

Local organization committee:
Guillermina Dalla-Salda, Alejandro Martinez-Meier, Gonzalo Caballe, Anne-Sophie Sergent, Verónica Arana, Juan Corley, Victoria Lanstchner, Gimena Vilardo

Conference venue:
Centro Cívico, R8400 San Carlos de Bariloche, Río Negro, Argentina

Conference scientific committee:
Esther Merlo, Jean-Paul Charpentier, Gonzalo Caballe, Vincent Segura, Guillermina Dalla-Salda, Alejandro Martinez-Meier, Sabine Rosner, Philippe Rozenberg, Verónica Arana, , Maria-Elena Fernandez, Juan Corley, Marie-Anne Auger-Rozenberg, Victoria Lanstchner, Gimena Vilardo, Javier Gyenge.