



“The InnovaWood Tribe” Workshop on the Future of Wood Science and Technology

7 July 2020, 9:00-17:00
University of Porto, Portugal



Open invitation

To early-stage researchers (i.e. MSc graduates, PhD students, research professionals) in the field of wood science and technology to participate in a special workshop on career development, as a side event of the InnovaWood's Annual General Assembly.

Interested candidates can apply until 14 June 2020 (extended date) per simple e-mail to: office@innovawood.com.



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The InnovaWood Tribe : Workshop at the General Assembly 2020
7 July 2020 in Porto, Portugal

The Future of Wood Science and Technology

Workshop objectives

Early stage researchers in the field of wood science and technology are invited to participate in a special event on science career development. Four leading senior wood scientists will jointly host a full-day interactive colloquium. The workshop will review the evolution and emerging trends of major research fields in wood science in an international context. It offers a great opportunity for young researchers to get connected to a large European research network and receive valuable feedback and guidance from peers on their own work and career plans.

The workshop is useful for M.Sc. graduates, PhD students and research staff aiming to pursue a professional career in wood science. In the workshop, four knowledgeable wood scientists will look back at their own past careers and research fields in terms of technical findings, how research work has evolved and what they see for the future. They will also challenge the participants in terms of their future research. The main aim is to share knowledge and experiences between the present and next generation of wood scientists, looking ahead and identify future trends and benefits for more European collaboration especially between early stage researchers.

Hosts of the workshop



Prof. Holger Miltz
Georg-August-Universität Göttingen,
Department of Wood
Biology and Wood
Products, Germany

*Wood properties, wood
protection, wood
modification*

<https://www.uni-goettingen.de/en/67096.html>



Prof. Rupert Wimmer
BOKU University of
Natural Resources
and Life Sciences,
Vienna, Austria

*Natural materials
technology, Bio-
based composites*

<https://boku.ac.at/map/holztechnologie/>



Prof. Joris Van Acker
Ghent University,
Laboratory of Wood
Technology (UGent-
Woodlab), Belgium

*Wood anatomy,
biology, drying,
service life,
engineered wood
products, (tropical)
tree species, poplars*

<https://www.woodlab.be>



Dr. Mark Irle
ESB Ecole
Supérieure de
Bois, LIMBHA,
France

*Wood-based
panels, natural
fibers, adhesives,
wood physics*

<https://www.esb-campus.fr/recherche>



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Workshop Programme
Tuesday, 7 July 2020, 9:00-17:00

Venue: UPTEC-Asprela I, Rua Alfredo Allen 455/461, Porto
(metro station Polo Universitário), uptec.up.pt

08:30	Registration
09:00 – 10:30 (1:30)	Opening Welcome & Objectives by Dr. Mark Irle, President of InnovaWood Tour de table & Ice breaker
10:30	Break
10:45 – 12:00 (1:15)	Session I - An insight into the science behind wood-based composites Why are the properties of plywood, particleboard and fibreboard different? Why are they made in the way they are? What can we imagine for the future? Linking wood properties to technological solutions - <i>Dr. Mark Irle</i>
12:00	Lunch
13:15 – 14:30 (1:15)	Session II - Wood modification: very old and very new approaches to improve wood properties A look back: invention of techniques to modify wood in 20 th century. Why these techniques took so long before getting market shares? What are the promising approaches? What are the bottle necks for new processes? What will be the future? - <i>Prof. Holger Militz</i>
14:30 – 15:45 (1:15)	Session III - Forest products for a sustainable future in the framework of the green deal Integrating wood protection, fast growing tree species, innovative processing and engineered wood products to comply with green building and other sustainable development goals - <i>Prof. Joris Van Acker</i>
15:45	Break
16:00 – 17:15 (1:15)	Session IV - How to design materials for a sustainable future? No question, wood is a fantastic material, but what are principles of design when we combine wood with other materials (composites)? Can materials be designed without waste, without limitations? This is about an unlimited (re-)use of materials, about “waste is food”, and about materials even beyond sustainability. - <i>Prof. Rupert Wimmer</i>
17:15	Conclusions and Outlook
From 19:00	Social Get Together Restaurant in Porto city center



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Organisational matters

The workshop participation is free of charge. Participants will have to cover their own travel and accommodations costs.

The first 10 applicants will furthermore receive a free participation voucher for the InnovaWood General Assembly following the workshop (8 - 9 July 2020), covering all meals and local transportation.

Interested candidates can apply until 14 June 2020 (extended date)
per simple e-mail to office@innovawood.com

Update 28/02/2020

Organisational matters

- The IW Tribe announcement generated a lot of interest; more than 25 applications for the workshop were received. The date for applications will be extended, to offer to even more organisations the possibility to apply.
- It was decided that the free vouchers for the GA will be reserved for applicants working at an InnovaWood member organisation. The 10 vouchers will be assigned in a fair manner (at least one voucher per member organisation).
- The participation in this workshop will remain free of charge for all participants; InnovaWood will cover the costs for the lunch and coffee breaks. The social get together is at each participant's own charge.
- All participants will receive a certificate of attendance after the workshop.
- The programme was slightly changed: The workshop will open with a 1-hour ice breaker activity where participants get to know each other. Each working session will start with an inspiring presentation by the host, followed by an interactive Q&A session involving the participants.

Preparations for the workshop

- Each participant is asked to prepare in advance of the workshop:
 - o 1 powerpoint slide outlining their main research theme
 - o 1 minute pitch talk about their research
- In addition, we strongly suggest that participants bring a scientific poster, which will be exposed during the coffee breaks. They will also be exposed during the General Assembly 1st day. Preparing a poster will be obligatory for the participants who receive the free vouchers.
- A main goal of the workshop is to think together about how the InnovaWood Tribe community can be continued and grow over the next years. Therefore we decided to reserve one "IW Tribe discussion table" during the General Assembly 2nd day, to reflect and exchange also together with other InnovaWood members.