

Future Meetings

The 5th IAWA-China Group annual meeting in Fuzhou, China

The fifth IAWA-China Group annual meeting will be held at Fuzhou city, Fujian Province of China, 23 and 24 November, 2018, organized by the Fujian Agriculture and Forestry University. Yoon Soo Kim and Lloyd Donaldson will be invited to give IAWA lectures during the meeting. The Excellent Presentation Awards will be provided to qualified students.

Biao Pan and Jinguo Lin, China

The 18th International Course on Wood Anatomy of Tree Rings

The 18th International Course on Wood Anatomy of Tree Rings "Wood Anatomy and Tree-Ring Ecology 2018" will be held on November 26 to December 1, 2018, in Klosters Dorf, Switzerland. The course is organized by Holger Gärtner, Alan Crivellaro and Fritz H. Schweingruber. Please contact Holger Gärtner (holger.gaertner@wsl.ch) for registration. More details and information update can be found at:

<https://www.wsl.ch/en/about-wsl/events/courses-offered-by-wsl/international-course-on-wood-anatomy-tree-ring-ecology-2018.html>

Holger Gärtner, Switzerland

Wood anatomy: an African perspective, January, 2019

This symposium, "Wood anatomy: an African perspective", will be held on 7-10 January 2019 in Johannesburg, South Africa, at the annual Conference of the South African Association of Botanists (SAAB). The program will include varied topics related to wood and bark anatomy, including structural diversity, formation, functions, evolution and identification of these issues with the focus on the exploration of African woody plants. The symposium will be associated with IAWA. Please contact Alexei Oskolski (aoskolski@uj.ac.za).

Alexei Oskolski, South Africa

2019 WWD Symposium and the 2nd IUFRO Forest Products Culture Research Group Colloquium, March 21-23, Austria

The 2019 WWD Symposium and the 2nd IUFRO Forest Products Culture Research Group Colloquium, which will be held from March 21st to 23rd of 2019 in the Austrian Open Air Museum Stübing near Graz, is following the general theme of Change – from tradition to innovation. The symposium is supported by IUFRO, IAWA and IAWS. You are asked to send abstracts for oral as well as for poster presentations within the five topics of the symposium. For more information, please see:

<http://www.worldwoodday.org> [check programs, symposium 2019]

Pieter Baas, Netherlands

IAWA session in the TRACE 2019 Meeting, May 7-10, 2019, San Leucio - Caserta (Italy)

The meeting TRACE (Tree rings in Archaeology, Climatology and Ecology), to be held May 7-10, 2019 in San Leucio Caserta, aims to build bridges and facilitate knowledge exchange in all contemporary fields of tree-ring science. It will include 7 sessions on forest growth, dendroclimatology, human history, ecology and ecophysiology, dendrochronology in the tropics and tree-ring networks.

The session "wood anatomy meets Dendro Sciences" is organized in cooperation with IAWA. The session aims to explore the role of anatomical studies in gathering environmental information that is

translated into functional wood traits during plant growth and then remains stored in wood. A renewed upscaling approach from microscopy to plant functioning, in synergy with other disciplines (e.g. dendroecology, eco-physiology and ecological modelling), allows entering inside-wood adding a multi-level and multi-temporal perspective in the analysis of wood traits. Such an approach can be extended from the past (e.g. tracing evolutionary trends starting from fossil woods), through the assessment of the present adaptive capability (e.g. analyzing drivers guiding models of wood formation), until predicting future trends in functional anatomy under a climate change scenario.

The deadline for registration and abstract submission is January 20th 2019. For more details visit: www.trace2019.com

Giovanna Battipaglia, Italy

EuroDendro 2019 Conference

The forthcoming EuroDendro 2019 Conference organized by the Mendel University, will take place on 9-13 September 2019 in Brno, Czech Republic.

The EuroDendro meeting is one of the most renowned dendro-platforms focusing on the recent breakthroughs of tree-ring research and related subjects. Papers on all fields of tree-ring studies, anatomy and physiology of tree rings are welcome. Both oral and poster presentations will carry equal weight and abstracts will be published for both categories.

The EuroDendro meeting is traditionally not restricted to European researchers or research conducted only in Europe, hence researchers from all over the world are very welcome as well. The organizing committee of the EuroDendro 2019 will be very happy to see you at this meeting in Brno next year. For more information, please visit <http://eurodendro2019.mendelu.cz/>

Kyriaki Giagli, Czech Republic

IAWA-IUFRO-LPF Joint Symposium of Wood Identification to be held during the XXV IUFRO World Congress 2019

The IUFRO 2019 Congress will be held at Curitiba, Brazil from September 29 to October 5, 2019. The Congress is calling for abstracts of sessions.

Within this Congress, IAWA initiates an **IAWA-IUFRO Session - C5d New Methods and Applications of Timber Identification**, under the Congress theme "Forests and Forest Products for a Greener Future". The goal of this session is to present recent advances in methods and applications of timber identification: Research updates of wood identification methods, Developing databases or networks for wood identification, and selected applications adopted with advanced and effective technologies for wood identification.

Meanwhile, a related session organized by LPF of Brazil is listed as **C3i Tools for Tropical Wood Identification against Illegal Logging**. This session aims to address and discuss potential tools that could be used isolated or in combination to identify and/or discriminate species and origins of tropical timber.

These two sessions regarding wood identification will be organized as an **IAWA-IUFRO-LPF Joint Symposium** during the IUFRO Congress. Please feel free to submit your abstract with appropriate topic to either of them. End of call for abstracts will be December 31, 2018. The Congress registration and abstract submission is now available here:

<http://iufro2019.com/abstracts-submission/>

Please contact Yafang Yin (yafang@caf.ac.cn) or Tereza Pastore (tereza.pastore@gmail.com) if you need help.

Shan Li, China

Meeting Reports

IAWA Sessions of Fossil Woods at the 10th EPPC, August 12-17, 2018, Dublin

IAWA staged two successful sessions on the anatomy of fossil woods at the 10th European Palaeobotany & Palynology Conference (EPPC), held from 12-17 August 2018 at the University College Dublin, Ireland. For many years now, IAWA has established close contacts with the paleobotanical world, and organises symposia at both its European and international conferences.



The IAWA Team at their sales table: Standing from left to right: Lisa Boucher, Anais Boura, Jakub Sakala. Sitting: Elisabeth Wheeler, Anne-Laure Decombeix and Pieter Baas

Conveners Anais Boura, Lisa Boucher, Anne-Laure Decombeix, and Elisabeth Wheeler compiled a diverse and interesting programme with contributions on the vesselless xylem of early Devonian land plants up to the full range wood diversity of fossil angiosperms, even including a challenging paper on the effects of hemiparasites on the wood anatomy of the host in an extant species. It is amazing to what degree of detail fossil woods can be used to study their 3D structure, their association with fungi, and how growth rings can even be crossdated in the world-famous fossil forest of the island of Lesbos in Greece, millions of years after their fossilization.

During the breaks, IAWA sold a large number of its special publications (especially the Bark List sold well) and recruit new members. The next paleobotanical event will be in 2020 in Prague where Jakub Sakala will host the IAWA sessions and IAWA Social Hour during the joint meeting of the International Organisation of Palaeobotany Conference (IOPC) & International Palynological Congress (IPC), hopefully rivaling his own achievement at the 7th EPPC with an unforgettable IAWA Social Hour in the monastery of a famous Czech vineyard.

Pieter Baas, Netherlands

5th Anniversary of EUTR and the Thünen Centre of Competence on the Origin of Timber, October 8-9, 2018, Hamburg, Germany

The international event "Timber trade and the conservation of forests", held October 8-9, 2018 at the Thünen Institute in Hamburg, highlights five years enactment of the European Timber Regulation (EUTR), and at the same time the 5th anniversary of the Thünen Centre of Competence on the Origin of Timber. The conference considered experiences to date in order to draw conclusions for successful further development.

Five years after the enactment of the EUTR, both "light and shadow" can be seen in the implementation. While EUTR implementation in Germany and the other EU Member States has now made clear progress, the consistent application of the rules within the EU remains a challenge. The EUTR is still not implemented equally in each EU Member State. Timber imports to the EU have increased since the introduction of the EUTR, but clear statements regarding timber trade development since the enactment of the EUTR are not yet possible for tropical timber.



The podium discussion, from left to right: moderator, Thorsten Hinrichs, BMEL; Gerhard Dieterle, president ITTO (with microphone); Ton van Loon, company INTERHOLCO (CH); Jo van Brusselen, GTTN Shelley Gardner, USDA, and Marcus Boner, Agroisolab.

The timber identification methods and expertise of the Thünen Centre of Competence, and other related worldwide research agencies with regard to the genetic and chemical determination of species and origin, as well as the anatomical determination (especially in paper, fiberboard, charcoal and logs) have been developed further in recent years. These established technologies have been successfully applied in the implementation and control of EUTR and CITES regulations. For more details, go to: <https://www.thuenen.de/en/infrastructure/the-thuenen-centre-of-competence-on-the-origin-of-timber/eutr-and-the-thuenen-centre-of-competence-jointly-mark-five-years-of-action/>

Gerald Koch, Germany

Successful IAWS / IAWA Meeting, October 15-19, 2018, Mexico

About 140 delegates from 10 countries attended the successful 2018 Wood Science meeting in Guadalajara, Mexico from 15-19 October. In ten parallel and four plenary sessions plus a lively poster session, a broad spectrum of current topics was addressed, with emphasis on the development of new sustainable and biodegradable products from wood. The subject of wood anatomy was well represented with contributions from Mexican graduate students and post-docs as well as from some senior experts such as Robert Evans, Uwe Schmitt, Lloyd Donaldson and yours truly.



Delegates of the Guadalajara Wood Science meeting during the All-Tequila excursion in the Hacienda shop of the old distillery of José Cuervo.

Highlights in the social programme were the performances of two top notch Mariachi Bands at two conference dinners, and the day excursion to the Unesco World Heritage site of Tequila, where we observed the production of the eponymous liquor from planting and harvesting the beautiful Agave plants to the distilling and sampling of the best vintages of its main product tequila. Very appropriately

the last morning's session dealt with the production of panels and bioplastics using Agave fibre reinforcement - perhaps a good replacement of wood? IAWA could do its usual business in selling special IAWA Journal issues and recruiting new members. Thanks are due to Prof. José Antonio Silva Guzmán and his staff for hosting this stimulating meeting, and also for showing us around the department of Wood, Pulp & Paper Science on the day before the meeting.

Pieter Baas, Netherlands

Report from the IAWA Session at the XII Latin-American Botanic Congress in Quito, Ecuador (21-28 October 2018)

Overall, this congress helped to understand the urgency of botanical studies in a highly diverse, but also extremely disturbed territory that represents Latin America, and also the importance of an interdisciplinary approach to understand the different factors that affect the vegetation present in complex ecosystems that are strongly affected by human intervention.

The congress had contrasting but complementary themes, from plant systematics, evolution, anatomy, physiology, development, geographical distribution, endemism, to the relationship of plants and humans, which included traditional and commercial uses of plants, plant conservation and management, and environmental education, which included the importance of herbaria.

The **IAWA Symposium** of "*Wood and Bark: structure and function*" fitted well within these broad themes. The papers and posters presented in this Symposium allowed us to recognize that, from a phylogenetic and plant development perspective, the study of wood and bark tissues are useful to differentiate and understand the diversity of anatomical structure of vascular cambium and its products in different subfamilies of Cactaceae. Additionally, studies of wood gave insights into the hydraulic adaptations and ecological performance of early successional plants. Differences in anatomy could be related to seasonal water stress in dry environments. Furthermore, dendrochronological studies showed long-term effects of climate change in ecosystems in general, and responses of trees to these changes, in particular. So, the main conclusion of this symposium was, that wood and bark anatomy are crucial in interdisciplinary studies of plant communities and ecosystems.

Georgina González-Rebeles & Eunice Romero

13th Joint Seminar of China-Japan-Korea on Wood Quality and Utilization of Domestic Species, October 25-27, Nanjing, China



Delegates of the 13th Joint Seminar of China-Japan-Korea on Wood Quality and Utilization of Domestic Species in front of the new library of Nanjing Forestry University.

On October 25-27, the Thirteenth Joint Seminar of China-Japan-Korea on Wood Quality and Utilization of Domestic Species (13th CKJ Seminar) was held at Nanjing, which was organized by Nanjing Forestry University (NFU), co-organized with the Research Institute of Wood Industry of the Chinese Academy of Forestry, IAWA and the National Institute of Forest Science Korea, etc. More than 100 scholars, from Kyoto University, Tokyo University, Akita Prefectural University, Tokyo University of Agriculture and Technology, Seoul National University, Korea Association of Wood Culture, Chinese Academy of Forestry, Beijing Forestry University, Nanjing Forestry University, Southwest Forestry University, Zhejiang A&F University and others, researchers from totally 15 universities and research institutions gathered at NFU to discuss the frontier questions of wood quality and utilization.

Prof. Hong Zhang, vice-president of NFU attended the opening ceremony of the 13th joint seminar and gave the welcome speech. She hoped to take this seminar as an opportunity to promote the sustainable development of wood science and technology at our university and make a greater contribution to the development of forestry engineering. During the joint seminar, professor Don-ha Choi, vice-president of the Korea Association of Wood Culture, Professor Junji Sugiyama of Kyoto University, and Professor Juwan Jin of Nanjing Forestry University were invited to give keynote lectures on the seminar, and 28 oral presentations with 43 posters were presented. Dr. Don-ha Choi invited all researchers to join the 14th CKJ seminar, which will be organized by the National Institute of Forest Science Korea at Seoul in September, 2019.

The Joint Seminar of China-Japan-Korea on Wood Quality and Utilization of Domestic Species was launched by wood science and technology domain experts who came from China, Japan and Korea in 2016. The topic of the seminar is wood quality and utilization. The aim of this joint seminar is to promote international experts and scholars to exchange the latest research results, advanced technology and experience in wood science fields, and discuss the opportunities and challenges of wood products and utilization in China, Japan, and South Korea.

Bao Zhang, Shengcheng Zhai, China

Increase in 2017 Impact factor of IAWA Journal

The Institute for Scientific Information (ISI) released the Journal Citation Reports (JCR) and impact factors for 2017. For the IAWA Journal, sponsored by the International Association of Wood Anatomists, the impact factor is 1.903 in 2017. It is a significant improvement compared with 2016 (0.403), 2015 (1.043) and 2014 (1.074).

Call for Newsletter Items

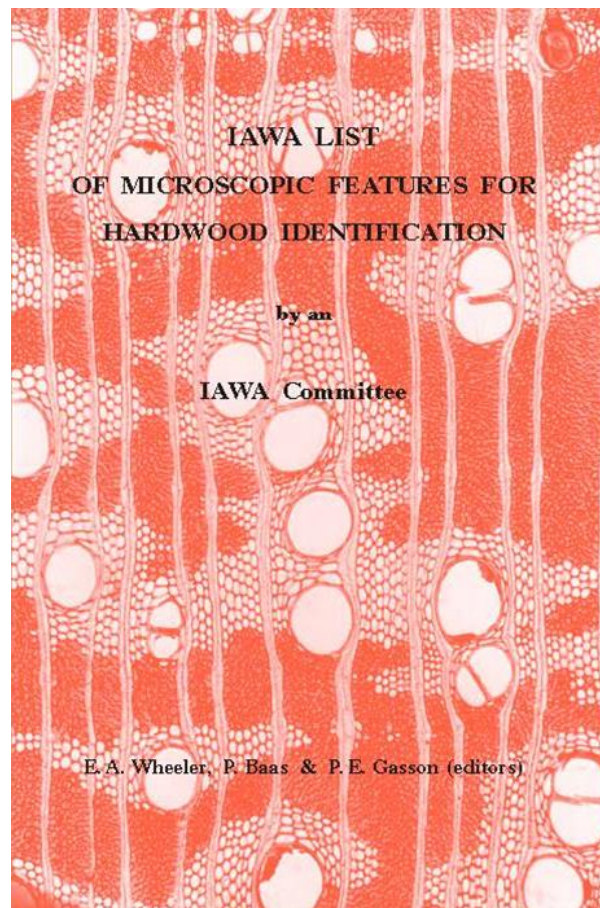
As from November 2018, the IAWA members will only receive a link to the IAWA Newsletters which are posted on the IAWA website: www.iawa-website.org

The IAWA Newsletter will keep the IAWA community actively informed and stimulate members to visit the IAWA website for the latest and detailed news. Please send any news items you wish to share with the whole IAWA Membership to the newsletter editor Yafang Yin (yafang@caf.ac.cn).

IAWA Hardwood List reprinted and Special Offer of IAWA publications

At the request of many young members, the IAWA List of Microscopic Features for Hardwood Identification (by an IAWA Committee, 1989) has been reprinted for the 5th time). Both the Hardwood List, the Softwood List (2004) and the more recent List of Microscopic Bark Features (Angyalossi et al. 2016) are excellent teaching tools, and can best be used in hard copy next to the microscope.

All three lists are still available from the IAWA Office in Leiden, and the new print run of the Hardwood List is also available from the Chinese IAWA Office in Nanjing (Zhai Shengcheng); all at the specially reduced price of 10.00 EURO only (plus postage and handling 7 EURO).



Also available for that low price: S. Helmling, A. Olbrich, I. Heinz & G. Koch. 2018. Atlas of Vessel Elements - Identification of Asian Timbers.

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