



国际木材解剖学家协会（IAWA）中国分会
第八届学术研讨会

暨 2021 木材解剖学国际青年论坛

The 8th IAWA China Group Annual Meeting and 2021

International Youth Forum for Wood Anatomy

Meeting Agenda

会
议
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南

四川 成都

2021 年 11 月 13 日-14 日

Chengdu

November 13-14th, 2021, UTC+8, Beijing Time Zone

温馨提示

- 一、请参会代表阅读《会议指南》，并按照会议日程安排准时参加会议活动。
- 二、为保持良好的会议环境，会议期间请将腾讯会议、ZOOM会议调为静音。
- 三、参加研讨会口头报告的参会者，请仔细核对时间，按时在线，如有疑问请及时与会务组联系。

四、会议形式

线上会议

(1) 国际木材解剖学家协会 (IAWA) 中国分会第八届学术研讨会

线上腾讯会议：

11月13日 8:30-13:00；会议号：440 435 220，密码：1113

11月14日 8:30-13:00；第一会场会议号：842 948 334，密码：1114

第二会场会议号：644 458 983，密码：1114

(2) 2021 木材解剖学国际青年论坛

线上 ZOOM 会议：

11月13日 14:00-19:00；会议号：865 0522 9022 密码：123456

(同步腾讯会议：11月13日 14:00-19:00；会议号：965 214 904 密码：1113)

五、承办单位：四川农业大学、国家家具产品质量检验检测中心（成都）

协办单位：成都智信绿竹科技有限公司

Notice

- 1 Please read the Conference Agenda carefully and join the meetings on time.
- 2 To maintain a quiet speaking environment, please turn off your microphone when use the VooV Meeting or Zoom software.
- 3 The oral participants should check the time carefully and be online on time. If you have any questions, please contact the conference affairs team.

4 Conference Session Formats

Online

(1) The 8th IAWA China Group Annual Meeting

VooV Meeting:

November 13th a.m., Meeting room number: 440 435 220, password: 1113

November 14th a.m., Meeting 1 room number: 842 948 334, password: 1114

Meeting 2 room number: 644 458 983, password: 1114

(2) 2021 International Youth Forum for Wood Anatomy

Zoom:

November 13th p.m., Meeting room number: 865 0522 9022, password: 123456

5 Sponsor: Sichuan Agricultural University, National Furniture Product Quality

Inspection and Test Center (Chengdu)

Co-sponsor: Chengdu Zhixin Green Bamboo Technology Co., LTD

国际木材解剖学家协会 (IAWA) 中国分会第八届学术研讨会

会议时间: 2021 年 11 月 13 日

The 8th IAWA China Group Annual Meeting

(November 13th, 2021, UTC+8, Beijing Time Zone)

会议议程			
Conference Agenda			
时间 Beijing Time	会议内容 Conference Content	主持人 Host	地点 Location
开幕式 Opening Ceremony			
8:30-8:45	1. 介绍参会领导、嘉宾 Beginning: Introducing leaders and guests	刘应高 教授 Yinggao Liu Professor	线上: 腾讯会议 Online: Tencent Meeting ID: 440 435 220
	2. 四川农业大学: 领导致辞 Sichuan Agricultural University: President speech		
	3. 国家家具产品质量检验检测中心 (成都) 领导致辞 National Furniture Product Quality Inspection and Test Center (Chengdu): President speech		
8:45-8:50	4. IAWA 秘书长殷亚方研究员讲话 Secretary General of IAWA, Professor Yafang Yin speech		
中国分会第八届学术研讨主题报告 Keynote Report of the 8 th Academic Seminar of China Branch			
8:50-9:10	木质部发育与高山树线生态过程 中国科学院青藏高原研究所 研究员 梁尔源 Xylogenesis: toward a better understanding on ecological processes of alpine treelines Professor Eryuan Liang, Institute of Tibetan Plateau Research, Chinese Academy of Sciences	潘彪 教授 Biao Pan, Professor	线上: 腾讯会议 Online: Tencent Meeting ID: 440 435 220
9:10-9:30	四川林竹资源的研究与利用 四川农业大学 齐锦秋教授 Study and utilization of forest and bamboo resources in Sichuan Sichuan Agricultural University, Professor Jinqiu Qi		
茶歇 Tea Break			

学术报告（中国分会） Academic Report (China Branch)			
9:40-9:55	<p>基于 <i>LaRAVI-LaCDKB1;3</i> 模块解析温度调控落叶松休眠解除的机制 中国林业科学研究院林业研究所 李万峰 副研究员</p> <p>Concerted control of the <i>LaRAVI-LaCDKB1;3</i> module by temperature during dormancy release and reactivation of larch Research Institute of Forestry, Chinese Academy of Forestry; Wan-Feng Li, Associate professor</p>	徐斌 教授 Bin Xu, Professor	线上：腾讯会议 Online: Tencent Meeting ID: 440 435 220
9:55-10:10	<p>毛竹材导管细胞的孔隙结构定量表征 国际竹藤中心 张淑琴 博士后</p> <p>Quantitative Characterization of Pore Structure of Vessel Elements of <i>Phyllostachys edulis</i> Culm International Centre of Bamboo and Rattan, Shuqin Zhang, Postdoctoral</p>		
10:10-11:25	<p>Artificial wood cell wall as a valid tool to investigate wood formation and application 华中农业大学 李强 教授</p> <p>Huazhong Agricultural University, Qiang Li, Professor</p>		
11:25-11:40	<p>气候变暖正威胁高海拔喜马拉雅桦树林：来自木材解剖与形成层物候的证据 中国科学院青藏高原研究所 李晓霞 助理研究员</p> <p>Warming menaces high-altitude Himalayan birch forests: evidence from cambial phenology and wood anatomy Institute of Tibetan Plateau Research, Chinese Academy of Sciences, Xiaoxia Li, Assistant professor</p>		
11:40-11:55	<p>iWood: 基于卷积神经网络的木材图像智能鉴定系统 中国林业科学研究院 何拓 助理研究员</p> <p>Chinese Academy of Forestry, Tuo He, Assistant professor</p>		
12:00-14:00	<p>午休 Lunch Break</p>		

2021 International Youth Forum for Wood Anatomy

Meeting Agenda

(14:00-18:55, November 13th, 2021, UTC+8, Beijing Time Zone)

Beijing Time	Speaker	Title
14:00-14:05	Opening Remarks Professor Pieter Baas, Leiden University, the Netherlands Professor Yafang Yin, IAWA Secretary, and Chinese Academy of Forestry, China	
Keynote Speech	Ecological Wood Anatomy Moderator: Professor Eryuan Liang, Chinese Academy of Sciences, China	
14:05-14:35	Professor Achim Braeuning (Germany 8:05-8:35)	Wood anatomy as an important tool in tree-ring research: its relevance for wood formation dynamics and high-resolution dendroecology
Session I	Ecological Wood Anatomy Moderator: Professor Pieter Baas	
14:35-14:50	James Govina , University of Sopron, Hungary (Hungary 8:35-8:50)	Comparison of vessel traits for plantation grown teak wood of different ages from the wet zone of Ghana
14:50-15:05	Kamil Frankiewicz , University of Warsaw Żwirkkii Wigury, Poland (Poland 8:50-9:05)	From herbs to trees and back again: changes in the degree of woodiness among carrots
15:05-15:20	Coffee break	
Session I (Continue)	Ecological Wood Anatomy Moderator: Professor Veronica de Micco, University of Naples Federico II, Portici (Naples), Italy	
15:20-15:35	Milan Gavrilović , University of Belgrade, Serbia (Serbia 9:20-9:35)	Stem anatomy of the South African genera of Gnaphalieae (Asteraceae) with emphasis on the evolution of interxylary phloem
15:35-15:50	Akinlabi Funmilade Modupe , University of Johannesburg, South Africa (South Africa: 9:35-9:50)	Wood anatomy of the tribe Diosmeae, a large Cape lineage of Rutaceae

15:50-16:05	Weiwei Huang , Nanjing Forestry University, China (China)	Adaptation of different tree species to increasing autumn temperature
16:05-16:20	Emilie Isasa , University of Würzburg, Germany (Germany 16:15-16:20)	Addressing controversies in safety - vessel diameter relationships
16:20-16:35	Yanã Campos Rizzieri , Universidade Federal Fluminense, Brazil (Brazil 3:20-3:35)	Ontogeny of divided vascular cylinders in <i>Serjania</i> : the rise of a novel vascular architecture in Sapindaceae
16:35-16:50	Jingshu Wei , Polish Academy of Sciences, Poland (China 16:35-16:50)	An introduction to quantitative wood anatomy using ROXAS
16:50-17:05	Coffee break	
Session II	Wood Anatomy and Properties Moderator: Dr. Shengcheng Zhai, Nanjing Forestry University, China	
17:05-17:20	Sarah Augustina , IPB University, Indonesia (Indonesia 16:05-16:20)	Anatomical structure of three lesser-used wood species grown in Indonesia
17:20-17:35	Volker Haag , Thünen Institute of Wood Research, Germany (Germany 17:20-17:35)	Anatomical identification of charcoal and briquettes - developments in the international charcoal trade and the increasing use of substitutes from ntfps
17:35-17:50	Sari Delviana Marbun , IPB University, Indonesia (Indonesia 16:35-16:50)	Anatomical structure of Benuang (<i>Octomeles sumatrana</i>) wood and its fiber quality assessment for pulp and paper manufacturing
17:50-18:05	Harisma Nugraha , Center for Innovation and Products Development, Indonesia (Indonesia 16:50-17:05)	Wood species identification by using two-electrode capacitive-based spectroscopy
18:05-18:20	Hayato Saito , Mie University, Japan (Japan 19:05-19:20)	Spatial distribution of chemical components in the phellem of <i>Cerasus jamasakura</i> (Siebold ex Koidz.) H. Ohba

18:20-18:35	Feng Wang, Université du Québec à Rimouski, Canada (Canada 7:20-7:35)	Blue intensity as climate proxy: Application on black spruce in the eastern Canadian taiga
18:35-18:50	Qi Chen, Sichuan Agriculture University, China	Hygroscopic swelling of moso bamboo cells
18:50-18:55	Closing Remarks Professor Jinqiu Qi, Sichuan Agriculture University, China Professor Biao Pan, Chair of IAWA China Group, and Nanjing Forestry University, China	

国际木材解剖学家协会 (IAWA) 中国分会第八届学术研讨会
 时间: 2021年11月14日
 (第一会场)

The 8th IAWA China Group Annual Meeting (Room I)
 (8:30-13:00, November 14th, 2021, UTC+8, Beijing Time Zone)

时间 Beijing Time	会议内容 Conference Content	主持人 Host	地点 Location
8:30-8:45	Waste preserved wood derived biochar catalyst for promoted peroxy monosulfate activation towards bisphenol A degradation with low metal ion release: the insight into the mechanisms 南京林业大学 代博仁 研究生 Nanjing Forestry university, Boren Dai, Graduate	邱坚 Jian Qiu, Professor	线上: 腾讯会议 Online: Tencent Meeting ID: 842 948 334
8:45-9:00	方竹解剖构造与性能 北京林业大学 刘文娟 研究生 Anatomical structure and properties of <i>Chimonobambusa quadrangularis</i> Makino Beijing Forestry University, Wenjuan Liu, Graduate		
9:00-9:15	保青竹材耐老化性能研究 四川农业大学, 胡馨芸, 研究生 Study on the aging resistance of color-preserving of bamboo Sichuan Agricultural University, Xinyun Hu, Graduate		
9:15-9:30	五个蓝莓品种枝条木质部结构及其栓塞脆弱性的差异 安徽师范大学 刘家宝 研究生 Differences in xylem structure and embolism vulnerability of branches of five blueberry cultivars Anhui Normal University, Jiabao Liu, Graduate		
9:30-9:45	池杉形成层恢复活动期、活动期和休眠期 细胞超微结构变化 华中农业大学 陶洁云 研究生 The cambium cell ultrastructural changes of <i>Taxodium ascendens</i> in its recovery activity, active period and dormant periods Huazhong Agricultural University, Jieyun Tao, Graduate		

<p>9:45-10:00</p>	<p>基于卷积神经网络对大果紫檀木材花纹识别研究 浙江农林大学 田朔 研究生 Research on wood graining recognition of <i>Pterocarpus macrocarpus</i> based on convolutional neural network Zhejiang A & F University, Suo Tian, Graduate</p>		
<p>10:00-10:15</p>	<p>中山杉应压木管胞的微观物理力学特性研究 南京林业大学 杨季雨 研究生 Study on microscopic physical and mechanical properties of compression wood tracheids of <i>Taxodium</i> hybrid 'Zhongshanshan' Nanjing Forestry University, Jiyu Yang, Graduate</p>		
<p>10:15-10:30</p>	<p>汉六朝遗址发掘木材的解剖构造和性能分析 浙江农林大学 尹宁宁 研究生 Analysis of anatomical structure and properties of wood excavated from Han and Six Dynasties sites Zhejiang A & F University, Ningning Yin, Graduate</p>		
<p>10:30-10:40</p>	<p>茶歇 Tea Break</p>		
<p>10:40-10:55</p>	<p>TBAA/DMSO 共溶剂体系直接溶解微波液化竹材制备透明抗紫外纳米纤维素膜 四川农业大学 邵慧娟 研究生 Transparent and UV-absorbing nanocellulose films prepared by directly dissolving microwave liquefied bamboo in TBAA/DMSO co-solvent system Sichuan Agricultural University, Huijuan Shao, Graduate</p>	<p>林金国 Jinguo Lin, Professor</p>	<p>线上：腾讯会议 Online: Tencent Meeting ID: 842 948 334</p>
<p>10:55-11:10</p>	<p>接骨木与西洋接骨木的构造对比 南京林业大学 张静涵 研究生 Structural comparison of <i>Sambucus Williamsii</i> Hance and <i>Sambucus nigra</i> L. Nanjing Forestry University, Jinghan Zhang, Graduate</p>		
<p>11:10-11:25</p>	<p>Physical and mechanical properties of <i>Catalpa bungei</i> clones and estimation of the properties by near-infrared</p>		

	<p>spectroscopy Chinese Academy of Forestry, Rui Wang, Graduate 中国林业科学研究院 汪睿 研究生</p>		
11:25-11:40	<p>山桐子木材材性研究 四川农业大学 陈燕 研究生 Study on wood properties of <i>Idesia polycarpa</i> Sichuan Agricultural University, Yan Chen, Graduate</p>		
11:40-11:55	<p>南京出土宋代棺木用材的树种鉴定及复原加固 南京林业大学 吕偲琪 研究生 Tree species identification, restoration and reinforcement of coffins of Song Dynasty unearthed in Nanjing Nanjing Forestry University, Siqu Lv, Graduate</p>		
11:55-12:10	<p>水青树特殊管胞的分布位置及其形态特征的研究 南京林业大学 任安捷 研究生 Study on the formation position and morphological characteristics of special tracheid in <i>Tetracentron sinense</i> Nanjing Forestry University, Anjie Ren, Graduate</p>		
12:10-12:25	<p>淹水环境对中山杉管胞壁上纹孔形态特征的影响 南京林业大学 赵欣然 研究生 Effects of flooding environment on morphological characteristics of pit on tracheid wall of <i>Taxodium hybrid</i> Nanjing Forestry University, Xinran Zhao, Graduate</p>		
12:25-12:40	<p>钝叶黄檀木材 DNA 提取及条形码鉴定 西南林业大学 甘昌涛 博士 DNA Extraction and DNA Barcoding Identification of <i>Dalbergia obtusifolia</i> Southwest Forestry University Changtao Gan, Doctor</p>		

<p>12:40-12:55</p>	<p>基于高分辨 X-ray 断层扫描的木材细胞结构分析方法 南京林业大学 刘星 研究生 Nanjing Forestry University, Xing Liu, Graduate</p>		
<p>12:55-13:00</p>	<p>闭幕式讲话 潘彪 教授 Closing Ceremony, Biao Pan, Professor</p>	<p>林金国 Jinguo Lin, Professor</p>	<p>线上：腾讯会议 Online: Tencent Meeting ID: 842 948 334</p>

国际木材解剖学家协会 (IAWA) 中国分会第八届学术研讨会
(第二会场)

时间: 2021 年 11 月 14 日

The 8th IAWA China Group Annual Meeting (Room II)
(8:30-13:00, November 14th, 2021, UTC+8, Beijing Time Zone)

时间 Beijing Time	会议内容 Conference Content	主持人 Host	地点 Location
8:30-8:45	人工倾斜处理对中山杉次生组织分生的影响 南京林业大学 勇璐 研究生 Effect of artificial tilting treatment on secondary tissue division in <i>Taxodium hybrid 'Zhongshanshan'</i> Nanjing Forestry university, Yong Lu, Graduate	徐有明 Youming Xu, Professor	线上: 腾讯会议 Online: Tencent Meeting ID: 644 458 983
8:45-9:00	“鉴木 APP” ——海关木材监管的智能化应用 张家港海关 丁志平 农艺师 Zhangjiagang Customs, Zhiping Ding, Agronomist		
9:00-9:15	毛竹材薄壁细胞壁的超微构造 南京林业大学 连彩萍 博士 Ultrastructure of parenchyma cell wall in bamboo (<i>Phyllostachys edulis</i>) culms Nanjing Forestry Universty, Caiping Lian, Doctor		
9:15-9:30	《批量木材鉴别抽样检查、判定方法》 林业行业标准的宣讲 西南林业大学 陈松阳 研究生 Southwest Forestry University, Songyang Chen, Graduate		
9:30-9:45	《木材标本采集与数字标本管理平台的研究》 西南林业大学朱培琦 研究生 Southwest Forestry University, Peiqi Zhu, Graduate		
9:45-10:00	白果蒲桃木材基础材性研究 安徽农业大学孙明明 研究生 Anhui Agricultural University, Mingming Sun, Graduate		
10:00-10:15	福建特有乡土树种突脉青冈和闽西青冈木材结构特征分析 福建农林大学 李文 研究生 Fujian Agriculture and Forestry University, Wen Li, Graduate		

<p>10:15-10:30</p>	<p>刚竹属竹材维管束特征结构研究 国际竹藤中心 徐皓诚 研究生 Research on the characteristics of vascular bundle in Phyllostachys International Centre of Bamboo and Rattan, Haocheng Xu, Graduate</p>		
<p>10:30-10:40</p>	<p>茶歇 Tea Break</p>		
<p>10:40-10:55</p>	<p>斜叶黄檀降真香的描述及其与海南黄檀木和降香黄檀木的区分 四川农业大学 李浩杰 研究生 Sichuan Agricultural University, Haojie Li, Graduate</p>		
<p>10:55-11:10</p>	<p>珍稀木材黄杨木资源特性及利用 中国林业科学研究院 石兰兰 研究生 Resource characteristics and utilization of rare wood boxwood Chinese Academy of Forestry, Lanlan Shi, Graduate</p>		
<p>11:10-11:25</p>	<p>竹节维管束数量与形态特征研究 国际竹藤中心 张颖 研究生 Study on the number and morphological characteristics of vascular bundles at Moso bamboo nodes International Centre of Bamboo and Rattan, Yin Zhang, Graduate</p>		
<p>11:25-11:40</p>	<p>等离子体处理对热处理木材表面特性及渗透性能的影响 南京林业大学 黄雅茜 研究生 Effect of plasma treatment on the surface characteristics and penetration performance of heat-treated wood Nanjing Forestry University, Yaqian Huang, Graduate</p>	<p>孙瑾 Jin Sun, Professor</p>	<p>线上：腾讯会议 Online: Tencent Meeting ID: 644 458 983</p>
<p>11:40-11:55</p>	<p>橡胶木菌纹薄板的制备 西南林业大学 闫妍 研究生 Southwest Forestry University, Yan Yan, Graduate</p>		

<p>11:55-12:10</p>	<p>心材型花斑木微生物分离鉴定 西南林业大学 贾慧文 研究生 Southwest Forestry University, Huiwen Jia, Graduate</p>		
<p>12:10-12:25</p>	<p>人工林杨树吸收土壤中重金属 Cd 的累积规律研究 安徽农业大学 戎恭 研究生 Anhui Agricultural University, Gong Rong, Graduate</p>		
<p>12:25-12:40</p>	<p>杨木和尾巨桉应力木解剖特征研究 中南林业科技大学 姚明 研究生 Study of anatomical characteristics tension wood in Poplar and Eucalyptus grandis × E. urophylla Central South University of Forestry and Technology, Ming Yao, Graduate</p>		
<p>12:40-12:55</p>	<p>钝叶黄檀与斜叶黄檀叶片 DNA 提取方法的研究 西南林业大学 曹秀龙 研究生 Southwest Forestry University, Xiulong Cao, Graduate</p>		
<p>12:55-13:00</p>	<p>闭幕式讲话 潘彪 教授 Closing Ceremony, Biao Pan, Professor</p>	<p>林金国 Jinguo Lin, Professor</p>	<p>线上（第一会场）： 腾讯会议 Online: Tencent Meeting ID: 842 948 334</p>