

PROFESSIONAL PAGES

SUMMARY OF AWARDS PRESENTED AT 2020 SWST CONVENTION, VIRTUAL MEETING, AUGUST 13-15, 2020

GEORGE MARRA EXCELLENCE IN WRITING

The George Marra Award is given in memory of George Marra by the Marra family in recognition of George's devotion to excellence in writing. Every article in each issue of the most recent volume of *Wood and Fiber Science* is read and judged by a committee. The committee for 2020 included David Jones, Consultant, Chair, Hampton, GA; Hongmei Gu, Forest Products Laboratory, Madison, WI; Tamara França, Mississippi State University, Starkville, MS, and Anelie Pétrissans, University of Lorraine, Nancy, France. This year's winners are given as follows:

First Place

Yue K, Wang L, Xia J, Zhang Y, Chen Z, Liu W (2019) *Experimental Research on Mechanical*

Properties of Laminated Poplar Wood Veneer/ Plastic Sheet Composites. Wood Fiber Sci 51(3): 320-331.

Tie for Second Place

Arbelaez R, Schimleck L, Dahlen J, Wood S (2019) *Evaluation of Lumber from Deconstructed Portland Residential Buildings*. Wood Fiber Sci 51(4):432-440.

Lee SS, Pang SJ, Jeong Y (2019) *Effects of Size, Species and Adjacent Lamina on Moisture-Related Strain in Glulam*. Wood Fiber Sci 51(2):101-118.

STUDENT POSTER COMPETITION AWARD

The purpose of the Student Poster Competition is to encourage student membership and participation in SWST, encourage student attendance at the SWST International Convention, recognize excellence in student research, and improve the visibility of student research efforts. A committee of four judges on a 100-point scale using the following criteria evaluated the abstracts and poster presentations:

Submitted Abstract

1. Soundness of research hypothesis (10 points)
2. Scientific writing ability (10 points)
3. Organization (10 points)

Poster Presentation

1. Scientific merit (newness, breadth of interest, and potential impact of the research) (15 points)
2. Experimental design and thoroughness of investigation (15 points)
3. Validity of conclusions (15 points)
4. Organization and visual quality of presentation (15 points)
5. Response to questions of judges (10 points)

This year's panel of student poster judges were Andreja Pirč Barčič, University of Zagreb, Croatia; Jean-Michel Leban, INRAE, France; Lars Blomqvist, RISE Research Institutes of Sweden, Sweden; Lech Muszynski, Oregon State University, USA; chair: Rupert Wimmer, BOKU, Austria.

Submitted Student Posters

Title	Authors
<i>Understanding the Thermodiffusion Properties of Ionic Liquids in a Cellulosic Medium</i>	Júlio Amando de Barros, University of Sao Paulo, Brazil
<i>Intra-Tree and Inter-Tree Variations in the Wood of Breadfruit (<i>Artocarpus altilis</i>, Parkinson Ex. F. A. Zorn) Fosberg</i>	Olusola Samuel Areo, Forestry Research Institute of Nigeria, Nigeria
<i>Characterization of Spruce Log Soaking Water and Their Antifungal and Wood Preserving Properties</i>	Aitor Barbero-López, University of Eastern Finland, Finland
<i>Hardwood Cutting Forces at Different Speeds up to 80 m/s for an Evaluated Real Chip Thickness</i>	Ondrej Dvoracek, Wood K Plus, Austria
<i>Simultaneous Chemical and Topographical Mapping of Wood Ultrastructures by Chemical Force Microscopy</i> <i>The Importance of Cold Tack of Urea Formaldehyde in Plywood Production</i>	Claudia Gusenbauer, BOKU, University of Natural Resources and Life Sciences, Vienna, Austria Elfriede Hogger, Wood K Plus, Austria
<i>Sustainable Development – International Framework – Overview and Analysis in the Context of Forests and Forest Products with Competitiveness and New Opportunities</i>	Annika Hyytiä, University of Helsinki, Finland
<i>Triboelectric Activation of Wood Surfaces by Mechanical Friction</i>	Lena Maria Leiter, BOKU, University of Natural Resources and Life Sciences, Vienna, Austria
<i>Structural, Chemical, and Multi-scale Mechanical Characterization of Waste Windmill Palm Fiber (<i>Trachycarpus fortunei</i>)</i>	Jing Li, Chinese Academy of Forestry, China
<i>Differences between Hygroscopicity Limit and Cell Wall Saturation Investigated by LF-NMR on Thermally-modified and Lignin-removed Southern Pine (<i>Pinus spp.</i>)</i>	Jingyu Li, Beijing Forestry University, China
<i>Preparation of Kenaf-Based Nanobiocomposite as Sustainable Adsorbent for the Removal of Organic and Inorganic and Pathogenic Contaminants</i>	Sujata Mandal, University of North Texas, United States (Second Place Winner)
<i>Bioinspired Wood Protection – Evaluation of Wood Treated with Biofinish</i>	Faksawat Poohphajai, InnoRenew CoE, Slovenia (Third Place Winner)
<i>ABES and DMA Cure Monitoring of Tannin Adhesive Highly Anisotropic Wood-Based Composite with Layered Structure for Thermal and Electrical Conduction</i>	Jaša Saražčanin, University of Ljubljana, Slovenia Hao Sun, Northeast Forestry University, China
<i>Low Temperature Adhesive Bonding for Structural Wood Materials</i>	Anita Tran, BOKU, University of Natural Resources and Life Sciences, Vienna, Austria
<i>The Vibrational Properties of <i>Catalpa Ovata</i> Wood for the Back Plate of the Guqin</i>	Yi-Hsuan Tsai, National Taiwan University, Taiwan
<i>Effects of Wood Decay on the Deformation Mechanism and Shear Performance of Screwed and Nailed Joints</i>	Rintato Ueda, Hokkaido University, Japan
<i>Adding Value to Timber Components through Consideration of Demolition and Disassembly</i>	St. John Walsh, University College Dublin, Ireland
<i>Preparation of Cellulose Acetate-Polyacrylonitrile Composite Nanofibers by Multi-Fluid Mixing Electrospinning Method: Morphology, Wettability, and Mechanical Properties</i>	Dong Wang, Northeast Forestry University, China
<i>Analysis of VOCs and Odor-Active Compounds from Veneered Particleboard Coated with Water-Based Lacquer</i>	Qifan Wang, Northeast Forestry University, China (First Place Winner)
<i>Effect of Lacquer Decoration on VOCs and Odor Release from <i>Phoebe neurantha</i> (Hemsl.) Gamble</i>	Bin Zeng, Northeast Forestry University, China

Student Poster Winners

1st Place

Qifan Wang, Northeast Forestry University, Harbin, China.

Analysis of VOCs and Odor-Active Compounds from Veneered Particleboard Coated with Water-Based Lacquer

2nd Place

Sujata Mandal, University of North Texas, Denton, TX, United States.

Preparation of Kenaf-Based Nanobiocomposite as Sustainable Adsorbent for the Removal of Organic and Inorganic and Pathogenic Contaminants

3rd Place

Faksawat Poohphajai, InnoRenew CoE, Izola, Slovenia.

Bioinspired Wood Protection – Evaluation of Wood Treated with Biofinish

DISTINGUISHED SERVICE AWARD

The SWST Distinguished Service Award is given in recognition of distinguished service to the profession as a whole and for extraordinary contributions in wood science and technology. Such service may have been made in any educational, technological, scientific, or professional area directly related to the profession of wood science and technology in furtherance of the objectives of the society as outlined in its constitution and bylaws. Guidelines for the award can be found at <http://www.swst.org/wp/awards/award-distinguished-service-profession-wood-science-technology/>. The 2020 winner is **Jan Wiedenbeck**. Jan Wiedenbeck is a research forest products technologist and project leader with the Northern Research Station of the United States Department of Agriculture Forest Service and is located in Princeton, WV. The research unit she leads has science laboratories in southern and northern West Virginia, northwest Pennsylvania, and south-central Ohio and management responsibilities for the Fernow, Kane, and Vinton Furnace Experimental Forests. She joined the forest service in 1992. Jan is a past president of the Forest Products Society and former coeditor-in-chief of the *Forest Products Journal*. Her current research focuses on improving our understanding of how silvicultural treatments and management systems impact hardwood tree, log, and lumber quality attributes. She has served on the Marra Award Committee four different years and multiple times as a student poster judge. Her research focus is on hardwood quality, markets, and processing research.

FELLOW AWARD

The Fellow Award recognizes significant contributions to the wood science and technology profession and service to the society by SWST members. Guidelines and past recipients can be found at <http://www.swst.org/wp/awards/swst-fellow-award/>. Fellow Award was presented to **Sheldon Shi**. Sheldon has been a strong supporter of the SWST since a student, served on numerous SWST committees, was a past president of the society, and was instrumental in bringing about a successful annual convention in 2012 in Beijing.