

# Minutes of 2016 Business Annual Meeting

## Curitiba, Brazil

### March 8, 2016

1. The meeting was called to order by President Eric Hansen at 12:00. He gave an overview of the 2015/2016 year outlining what he was focusing on as President. These were: *Wood and Fiber Science*, Early Stage Researchers, Institutionalizing Procedures, and *BioProducts Business*.

--*Wood and Fiber Science (W&FS)*:

- a. 50/50/50- (50% of income comes from W&FS, roughly 50% page charges, 50% subscriptions)
- b. Earlier actions
  - Reduced page charges for members, from \$100 to \$75 per page.
  - Online submission management system through Public Knowledge Project (PKP)
  - 5+ years to open access
- c. Special issues of W&FS
  - 2015 Annual Conference – Special Issue of W&FS. This issue consisted of papers from the conference that are available online only as a special issue of W&FS, called Volume 48 Special Issue, and was published in January 2016. This volume is also open access.
  - Mass Timber Conference/CLT – This is in progress
- d. Rebranding – New Logo



The new logo holds symbolic content. As the SWST board committee was looking at a number of design suggestions, some of the guidelines given to the finally selected designer were: simple design, modern look, also with a link to our “tradition”, reflecting what are doing, or as one quote was: “something to identify with”.

The logo basically consists of two hexagons, symbolizing a wooden cell or a plant cell in general. A plant cell is the starting point of the many things we are doing: solid wood, fibers, pulp,... The two hexagons are joining, overlapping, which creates something new, and new symbol, which appears as a plant leaf, or also as a tree, a plant. The leaf / the tree is green, which stands for photosynthesis, connected to the sun as the ultimate energy source for tree / plant growth, fixing carbon, and synthesizing the world’s most abundant natural polymers, cellulose and lignin.

The two hexagons not only symbolize wooden cells, but also lignocellulosics in a more narrow sense. While one hexagon indicates the hexose glucose - the building block for cellulose - the other one stands for the aromatic phenol ring as the major building block for lignin.

On top, the two joining hexagons reflect the society’s mission of linking academics on the one side, with the industry on the other.

In summary, the new logo stands for converting “green energy” through trees and plants into biomaterials, biochemical and other products, emphasizing bioeconomy and a sustainable future of our society.

- e. Open access - The goal is to progress to Open Access for all articles but at this time anything published more than 5 years ago is Open Access, where the more recent articles are on a paid per access status.
- f. New Editorial Board – A new Editorial Board was established to assist the Editor by providing input to questions as well as to speed up the review process by requiring each member of the Board to also do reviews.
- g. Further strategy development

--Increase Participation by Early Stage Researchers (ESR are recent PhD recipients or those only receiving their PhDs within 3 years)

- a. ESR session here in Brazil
- b. Ad hoc committee consisted of
  - Michael Burnard, University of Primorska
  - Paige McKinley, Oregon State University
  - Jimmy Thomas, The Rubber Board
- c. Board to consider committee recommendations:
  - Industry participation with SWST is something ESRs want to see at SWST conferences
  - International awareness is lacking and needs to be addressed at both the academic and industry level
  - Professional development workshops are highly valued by ESRs
  - Funding for all ESRs, especially those in developing countries, would contribute to more ESR participation at conferences and publishing in the journals

--Institutionalization

- a. Virtual SWST
  - Structuring files/docs/archives
- b. Administrative manual
- c. Continued formalization of procedures

--*BioProducts Business* E-Journal

- a. Launch in June 2015
- b. First articles Feb 2016
- c. Building momentum

--Other Key Activities

- Re-accreditation visits during the past year at
  - North Carolina State University
  - Virginia Tech
  - University of Idaho

2. Executive Director's Report and Budget – Victoria Herian

## Current Membership and Subscriber Status

Full members	259
Student Members	84
Retired Members	35
Emerging Full	36
Emerging Student	<u>10</u>
TOTAL	<b>517</b>

Subscribers - 150

## **Vanguard Accounts and CD's**

The Financial Review Committee (Doug Gardner, Jim Funck, Paul Smith, and Vicki Herian) again looked at the accounts as of March 2016 and decided to proceed with what we have. The current total investments as of 3/1/16 is \$281,865.72. The savings and annuity balance is \$55,559.19. We renewed the Annuity in April 2104 with Guggenheim for 2 years at 2% interest.

## **Checking Account**

The balance in the checking account as of March 1, 2016 is \$94,123.62. The balance in the wire transfer checking account is \$8493.00.

## **Student Poster Competition Fund History and Status**

Contributors are: APA – The Engineered Wood Association, Asian Woods Company, Balazs Zombori, California Cedar Products, Entwood LLC, FPInnovations - Forintek, Iowa State University, Louisiana State University, Mississippi State University, North Carolina State University, Oregon State University, Pennsylvania State University, State University of New York (SUNY) ESF, Virginia Tech, University of British Columbia, University of Idaho, Washington State University, and Willamette Industries.

## **2015 International Convention**

**The 58th SWST International Convention was held June 7-12, 2015 in the Grand Teton National Park, at the Jackson Lake Lodge in Jackson, Wyoming, USA. The overall theme was “Renewable Materials and the Bio-Economy“**

Sessions held included:

Biomass Chemistry for a Greener Environment

Design for Environment: Use of Renewable Materials

Wood-based Green Fuels and Chemicals

Biomass Energy: Innovations, Economic Realities, and Public Perception

Early Stage Researcher (8 minute and 3 minute presentations)

Nano to Macro Scale Wooden Composites

Timber Physics from 1  $\mu\text{m}$  to 10 m  
Novel Techniques for a New Era of Wood Construction  
Treatments and Durability  
Wood Quality and Improvement  
Fiber Properties Chain: From Cell Wall to End Products  
IUFRO 5.10 Forest Products and Communities  
Poster Session with Student Poster Competition  
Mini Workshops on Publishing in *Wood and Fiber Science* and in *BioProducts Business*

There were 171 participants from 23 countries, and 5 continents. We had 109 speakers and 69 poster presenters. Sixteen of the poster presenters competed in the Student Poster Competition. Of the 171 participants, 91 became new members (8 new emerging, 39 new full, 44 new students).

Sponsors were: IUFRO Division 5, Transilvania University of Brasov Faculty of Engineering, Oregon State University, Surface Measurement Systems, Institut Pertanian Bogor, USDA Forest Service Pacific Northwest Station

A Welcome Reception was held Sunday evening, June 7 from 18:00 to 20:00, at the Jackson Lake Lodge, where guests enjoyed an "Idaho Baked Potato Bar". A Barbecue Banquet was held Friday evening, June 12, from 18:00 to 21:00 at the Jackson Lake Lodge Pool Terrace. Live music was provided by Vince & Mindi, a local western music group.

There was not a formal tour during the Convention, but one day was set up for attendees to tour and enjoy the Grand Teton and Yellowstone National Parks.

There were several unique features of this Convention that had not been done before –

1. Early Stage Researcher Day: Where only students and recent graduates presented their research for 1 day
2. Two mini-workshops were held: Publishing in Wood and Fiber Science; and Publishing in BioProducts Business
3. Parallel Organization Day: IUFRO 5.10.00 Forest Products Marketing and Business Management Research Group held a concurrent all-day session on Friday, June 12.

Awards Presented:

George Marra Award

- Oscarsson, Jan, A. Olsson, and B. Enquist. "Localized modulus of elasticity in timber and its significance for the accuracy of machine strength grading," 46(4) -- First Place
- Lamason, Clevan, Bryce MacMillan, Bruce Balcom, Brigitte Leblon and Zarin Pirouz. "Examination of water phase transitions in black spruce by magnetic resonance and magnetic resonance imaging," 46(4) -- Second Place
- Wang, Xiaoqing, Sichen Liu, Huanjun Chang, and Junliang Liu. "Sol-gel deposition of TiO<sub>2</sub> nanocoatings on wood surfaces with enhanced hydrophobicity and photostability," 46/1 -- Third Place

Award for Distinguished Service to the Profession of Wood Science and Technology  
Jerrold E. Winandy

Fellow Award  
James Funck

Distinguished Educator Award  
Lech Muszynski

#### Student Poster Competition Award

- **1st Place - Charles Edmunds**, *North Carolina State University, USA* - "Fungal Pretreatment Method Optimization for Small Wood Samples Degraded by *Ceriporiopsis Subvermispora*"
- **2nd Place - Changlei Xia**, University of North Texas, "Self-Activation Process for Biomass Based Activated Carbon"
- **3rd Place - Jinxue Jiang**, Washington State University, "Multi-technique Characterization of Douglas-fir Cell Wall Deconstruction during Mechanical Milling Pretreatment"

#### 2015 Student Poster Participants

- Comparative Life Cycle Analysis of Fossil and Bio-based PET Bottles, by Luyi Chen, University of Minnesota, USA
- Gender Diversity Impacts on Firm Performance in Forest Sector Firms, by Kendall Conroy, Oregon State University, USA
- Fungal Pretreatment Method Optimization for Small Wood Samples Degraded by *Ceriporiopsis Subvermispora*, by Charles Edmunds, North Carolina State University, USA
- Synthesis of TEMPO Cellulose Nanofibrils stabilized Copper Nanoparticles and its Release from Antimicrobial Polyvinyl Alcohol Film, by Changle Jiang, West Virginia University, USA
- Multi-technique Characterization of Douglas-fir Cell Wall Deconstruction during Mechanical Milling Pretreatment, by Jinxue Jiang, Washington State University, USA
- Optimization Study on Yield of CNC Cutting Wood-based Composite Panels for Upholstery Furniture Frames, by Arif Caglar Konukcu, Mississippi State University, USA
- Water States in Black Spruce and Aspen During Drying Studied by Time-Domain Magnetic Resonance Devices, by Clevan Lamason, University of New Brunswick, Canada
- The Effects of Soil Parent Material and Nitrogen Fertilization on Wood Quality of Douglas-fir in the Pacific Northwest, by Luyi Li, University of Washington, USA
- Soybean Meal-Based Adhesive Enhanced by a Commercial Epoxy Resin and a Post Heat Treatment, by Jing Luo, Beijing Forestry University, China

- Multi-scale Investigation of Adhesive Bond Durability, by Paige McKinley, Oregon State University, USA
- Moisture Stability of Post-manufacture Thermally Modified Welded Birch (*Betula pendula L.*) Wood, by Jussi Ruponen, Aalto University, Finland
- Effect of Cross-laminated Timber Floor Diaphragm Orientation on Shear Stiffness and Strength, by Kyle Sullivan, Oregon State University, USA
- Current Trends in Furniture Trade, by Cagatay Tasdemir, Purdue University, USA
- Manufacturing and Mechanical Characterization of a 3D Molded Core Strand Panel, by Daniel Way, Oregon State University, USA
- Self-Activation Process for Biomass Based Activated Carbon, by Changlei Xia, University of North Texas, USA
- Hybrids of TEMPO Nanofibrillated Cellulose and Copper Nanoparticles Embedded in Polyvinyl Alcohol Films for Antimicrobial Applications, by Tuhua Zhong, West Virginia University, USA

### **2016 International Convention**

The Convention is taking place March 6-11, 2016, in Curitiba, Brazil, in cooperation with APRE (Associação Paranaense de Empresas de Base Florestal) and their II Expo Wood & Construction as well as EBRAMEM (Encontro Brasileiro em Madeiras e em Estruturas de Madeira) and their XV Symposium Wood & Construction. Demographics show 64 attendees from 17 countries and 6 continents. There are 46 oral presentations and 23 poster presenters. Of the poster presenters, we have 10 students participating in the Student Poster Competition.

### **2017 International Convention**

The SWST 2017 International Convention will take place in conjunction with University of British Columbia, and IUFRO Division 5 on June 12-16, 2017, in Vancouver, British Columbia, Canada, at the Pinnacle Hotel. Information can be found at <http://www.iufrodiv5-2017.ca/>

There is a Call for Session Proposals that is due March 30, 2016.

### **BioProducts Business EJournal**

SWST has a new E-Journal with the first issue coming out in February 2016. It is an open access journal and more information can be found at <http://biobus.swst.org>

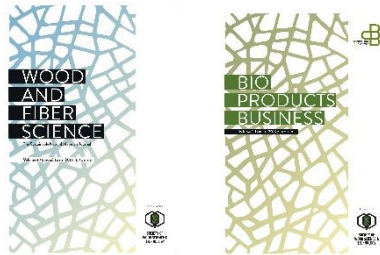
### **Miscellaneous**

SWST Brochure is available in English, Slovak, Russian, Spanish, French, Chinese, and Portuguese. You can find these at

<http://www.swst.org/about/brochures.html>



We have a new logo for SWST! The covers of Wood and Fiber Science and BioProducts Business will have redone also using the new logo.



The Executive Board is working on compiling an Administrative Manual that will allow the Executive Board to operate more efficiently with all information in one place. We are also looking into redesigning the webpages of the Society, as well as implementing a move to using the Google Drive for Executive functions.

We've assigned a new Associate Editor for Wood and Fiber Science – Sue LeVan-Green. Her first tasks have been to put together a special issue of Wood and Fiber Science that contains papers from our 2015 Annual Convention. It is available on the USBs of the 2016 Convention attendees, and is online for all to see in open access format. She is also exploring the possibility of producing a special issue based on a future Mass Timber Conference.

### **FISCAL STATUS December 31, 2015 BALANCE SHEET**

Total Assets	<b>\$431,727.86</b>
Total Liabilities	\$ 48,035.56
Total Equity	\$383,692.30
Total Equity & Liabilities	<b>\$431,727.86</b>

### **INCOME STATEMENT**

	<u>2015 Budget</u>	<u>Actual 12/31/15</u>
Total Income	\$154,720.00	\$ 169, 178.79
Total Expenses	\$154,707.00	\$ 162,252.01
Budget Reserves	\$ 13.00	\$ 6,926.78

### 3. New President's Remarks (New Business) – Sudipta Dasmohapatra

First order of business as new President (she will take over officially on July 1), was to present Eric Hansen with a Past President Plaque.

### **Sudi notes**

### 4. Upcoming SWST International Conventions

- 2017 - 60<sup>th</sup> SWST International Convention, June 12-16, 2017, Vancouver, BC, Canada (Joint with UBC, IUFRO D5, and FPInnovations)
- 2018 - 61<sup>st</sup> SWST International Convention, Nagoya University, Japan (Tentative)
- 2019 - 62<sup>nd</sup> SWST International Convention, U.S. National Park (Tentative)

5. Awards:

Student Poster Competition Participants:

Stephen Amiandamhen  
 Kendall Conroy  
 Victor Almeida De Araujo  
 Jennifer DeBoer  
 Frederico Jose Nistal França  
 Tâmara Suely Filgueira Amorim França  
 Annika Hyytiä  
 Paige McKinley  
 Priscilla Morris

George Marra Award Winners:

First Place - G. D. Estep, D. B. DeVallance, D. J. Lacombe, ANALYSIS OF CERTIFIED WOOD PRODUCT USE IN COMMERCIAL LEED GREEN BUILDING PROJECTS, Issue 3, pp 270-282

Second Place - Min Ye, Jeffrey J. Morrell, EFFECT OF TREATMENT POSTFIXATION PRACTICES ON COPPER MIGRATION FROM ALKALINE-COPPER-TREATED DOUGLAS-FIR LUMBER, Issue 4, pp 391-398

Third Place - Svetka Kuljich, Roger E. Hernández, Carl Blais, EFFECTS OF CUTTERHEAD DIAMETER AND LOG INFEED POSITION ON ENERGY REQUIREMENTS OF A CHIPPER-CANTER, Issue 4, pp 399-409

Distinguished Educator Award – Ilona Peszlen, North Carolina State University, USA

Fellow Award – Alfred Teischinger, BOKU, Vienna, Austria

Distinguished Service Award – Robert Rice, University of Maine, USA

A motion was made, seconded and passed to adjourn the meeting at 12:45.

Respectfully Submitted,

VICTORIA L. HERIAN  
 Executive Director