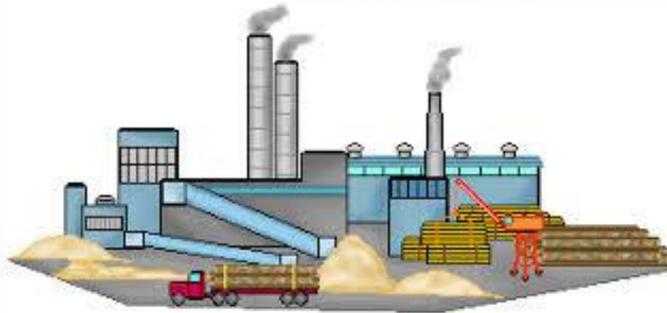


# Society of Wood Science and Technology (SWST) – A Bridge Linking Academia, Community, Industry and Government



SWST – International  
Society of Wood  
Science and Technology

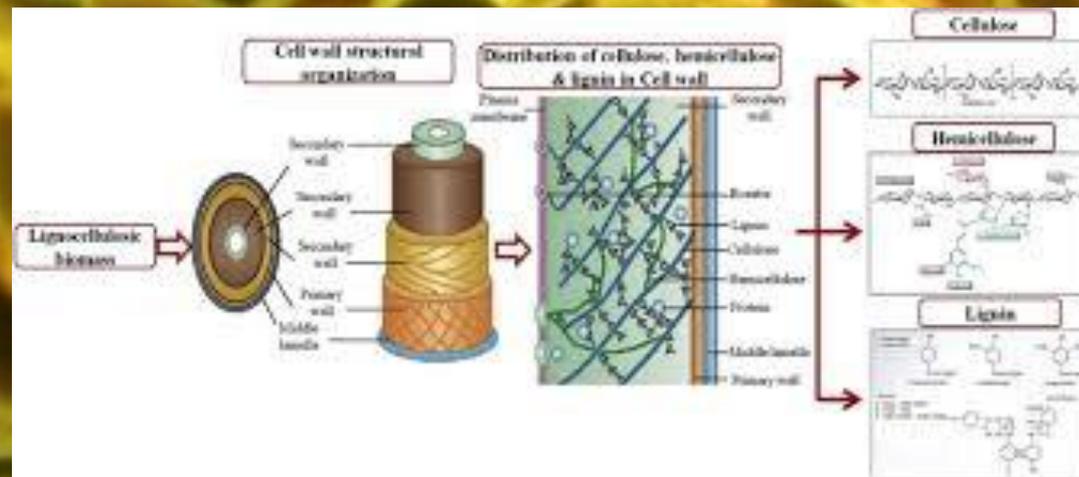




SWST - International  
Society of Wood  
Science and Technology

# SWST

Internationally-recognized professional organization of wood scientists, engineers, marketing specialists and other professionals concerned with lignocellulosic materials

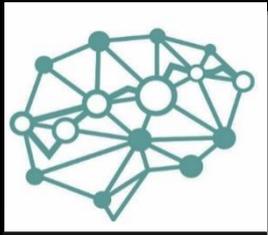




SWST – International  
Society of Wood  
Science and Technology

# Purposes of Society

- Promote wise use of wood (lignocellulosic materials)
- Protect our forest resources through development of new ideas and procedures
- Establish forums for exchange of ideas, communication of knowledge and development of high standards for wood research
- Foster quality education at all levels of wood science





SWST - International  
Society of Wood  
Science and Technology

# SWST History

- 1958 – Incorporated as the “American Institute of Wood Engineering”
- 1960 – Name changed to “Society of Wood Science and Technology”. 1<sup>st</sup> Newsletter
- 1968 – 1<sup>st</sup> Issue of Wood & Fiber Science Journal
- 1984 – Accreditation of undergraduate Wood Science and Technology Programs began





SWST - International  
Society of Wood  
Science and Technology

# SWST History (continue)

- 1986 – First George Marra Award for Excellence in Writing presented
- 1995 – Student Poster Competition initiated; 64 students received awards to date
- 1996 – SWST Website
- 2001 – Teaching Units introduced
- 2007 – Electronic publishing of Wood and Fiber



# Past Presidents of SWST – 1958 to 2020

In memory of  
Past Presidents  
who are no longer with us

## Missing Pictures:

1958-59 James S. Bethel  
1959-60 Stephen B. Preston  
1960-61 James S. Bethel  
1961-62 Arthur F. Muschler  
1963-64 Stephen B. Preston  
1964-65 Fred F. Wangaard  
1965-66 Eric L. Ellwood  
1966-67 Robert J. Hoyle, Jr.  
1968-69 Ben A. Jayne  
1972-73 Robert M. Kellogg  
1975-76 Eric A. Anderson  
1983 George G. Marra  
1986-87 E. Allan McGinnes



**Bob Youngs**  
1962-1963

**John Haygreen**  
1969-1970

**Tom Maloney**  
1976-1977

**Bob Erickson**  
1978-1979

**Warren Thompson**  
1982-1983

**Don Arganbright**  
1989-1990

**Geza Ifju**  
1995-1996

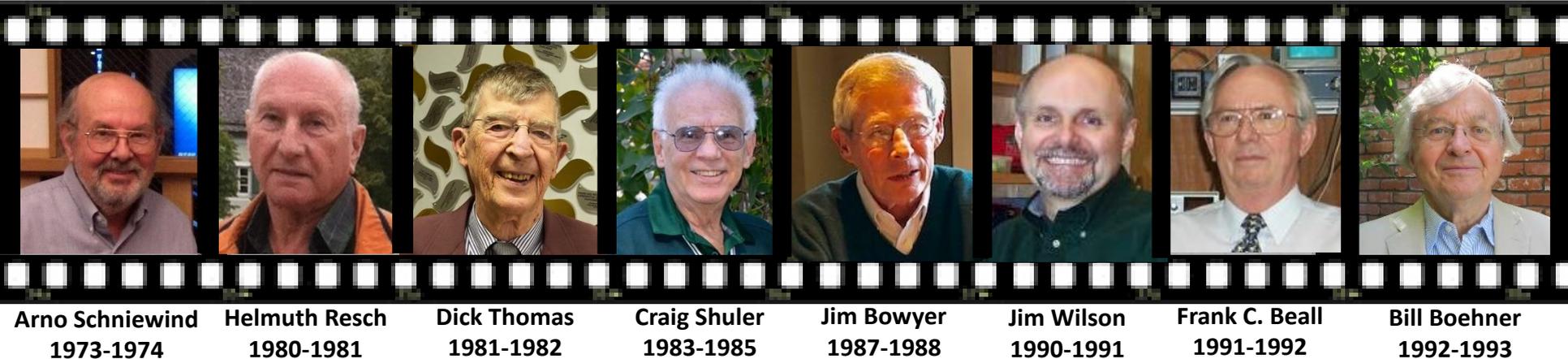
**J. David Barrett**  
1998-1999

# Past Presidents of SWST – 1958 to 2020

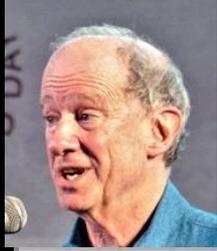
And a salute to those  
who are still making a difference and  
a contribution to SWST

## *Missing Pictures:*

1967-68 William T. Nearn  
1970-71 Fred L. Brown  
1971-72 Gilbert L. Comstock  
1974-75 Albert N. Foulger  
1977-78 Erwin L. Schaffer  
1979-80 John H. Brown  
1985-86 Fred W. Taylor  
1988-89 J.D. Wellons



# Past Presidents of SWST – 1958 to 2020



**Paul Blankenhorn**  
1993-1994

**Howard Rosen**  
1994-1995

**Duane Lyon**  
1996-1997

**Fred Kamke**  
1997-1998

**Tom McLain**  
1999-2000

**Ramsay Smith**  
2000-2001

**Mike Barnes**  
2001-2002

**Bob Rice**  
2002-2003



**Doug Stokke**  
2003-2004

**Audrey Zink-Sharp**  
2004-2005

**Paul Smith**  
2005-2006

**Doug Gardner**  
2006-2007

**Jim Armstrong**  
2007-2008

**Jerry Winandy**  
2008-2009

**Jim Funck**  
2009-2010

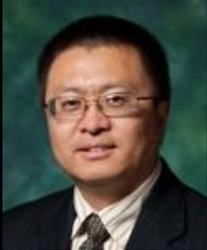
**Sue  
Anagnost**  
2010-2011

**Todd Shupe**  
2011-2012

# Past Presidents of SWST – 1958 to 2020



Alain Cloutier  
2012-2013



Sheldon Shi  
2013-2014



Mike Wolcott  
2014-2015



Eric Hansen  
2015-2016



Sudipta Dasmohapatra  
2016-2017



Bob Smith  
2017-2018



Nicole Brown  
2018-2019



Eva Haviarova  
2019-2020

# President of SWST 2020 - 2021



Andreja Kutnar  
2020-2021





SWST – International Society of Wood Science and Technology

# SWST International Conventions

(During odd numbered years)

For more information, go to <http://www.swst.org/chileContactInfo.html>

## SWST INTERNATIONAL ANNUAL CONVENTION

November 10-12, 2008  
Concepción, Chile

Co-sponsored by Universidad del Bío-Bío and IUFRO Division 5 – Forest Products

Industry and Sightseeing Tours

Wood Quality: Challenges in the 21st Century

Advanced Processing of Timber in the 21st Century

Global Trade in Forest Products

Timber Engineering

2008 – Chile  
First International

Society of Wood Science and Technology (SWST) International Convention October 11-15, 2010  
Co-hosted by United Nations Economic Commission for Europe – Timber Committee (UNECE/TC)

Plus des Nations  
Geneva, Switzerland

Role of Wood Science in the Green Building Movement

Session 1 Markets for use of solid and engineered wood products in green construction  
Session 2 Innovative wood and wood-based materials and their use in sustainable construction  
Session 3 Poster Session/Student Poster Competition/Book fair  
Session 4 Structural design for sustainable construction and disaster mitigation  
Session 5 The role of nanotechnology in green materials and sustainable construction  
Session 6 Building codes and standards - Influence on material use and construction practice  
Session 7 Current challenges in wood science education

Banquet (see required)  
Tour of CERN, EPFL, Saasbalen Tower (see required)

Session 1 Marchés pour l'usage du bois massif et des produits en bois d'ingénierie dans la construction verte  
Session 2 Des matériaux innovants à base de bois innovateurs et leur utilisation dans la construction durable  
Session 3 Session d'affiches/Concours d'affiches d'étudiants/Bar aux frais des participants  
Session 4 Conception structurale pour la construction durable et l'atténuation des risques  
Session 5 Le rôle de la nanotechnologie dans les matériaux verts et la construction durable  
Session 6 Codes de bâtiment et normes - Influence sur l'usage des matériaux et des pratiques

2010 – Geneva, Switzerland

北京欢迎你

SWST/CBR International Convention  
August 27-31, 2012  
International Centre for Bamboo and Rattan, Beijing, China

Sustainable Development of Wood and Biomass in our New Global Economy

北京欢迎你

2012 – Beijing, China

57th SWST International Convention  
7th Wood Structure and Properties Conference  
4th European Hardwood Conference

## Sustainable Resources and Technology for Forest Products

In Cooperation with APRE (Associação Paranaense de Empresas de Base Florestal) II Expo Wood & Construction and ED RAMEN Encontro Brasileiro em Madeiras e em Estruturas de Madeira IX Symposium Wood & Construction  
Conference tour to experience sustainable use of timber and wood around Curitiba City

MARCH 6-10, 2014 – CURITIBA, BRAZIL

Hardwood Research and Utilization

Furniture Production and Design

Energy Fuels Chemistry

Forest Products: From Raw to Global Trade

Wood Connections and Structures

Value Chain Management

Sustainable Forest Management

Lignocellulosic Material Science

Manufacturing Technology

For more information:  
Victoria Herian v.herian@swst.org  
P.O. Box 1077 1542  
<http://www.swst.org/2014>

2014 – Zvolen, Slovakia

59th SWST International Convention

## FOREST RESOURCE AND PRODUCTS: MOVING TOWARD A SUSTAINABLE FUTURE

In Cooperation with APRE (Associação Paranaense de Empresas de Base Florestal) II Expo Wood & Construction and ED RAMEN Encontro Brasileiro em Madeiras e em Estruturas de Madeira IX Symposium Wood & Construction  
Conference tour to experience sustainable use of timber and wood around Curitiba City

MARCH 6-10, 2016 – CURITIBA, BRAZIL

Wood Structure and Properties

Forest Products: From Raw to Global Trade

Wood Connections and Structures

Value Chain Management

Sustainable Forest Management

Lignocellulosic Material Science

Manufacturing Technology

For more information:  
Victoria Herian v.herian@swst.org  
P.O. Box 1077 1542  
<http://www.swst.org/2016>

2016 – Curitiba, Brazil

SOCIETY OF WOOD SCIENCE & TECHNOLOGY

## 2018 Joint Convention

Society of Wood Science and Technology (SWST)  
The Japan Wood Research Society (JWRS)

Era of Sustainable World - Tradition and Innovation for Wood Science and Technology

November 5-9, 2018  
Nagoya Conference Hall, Nagoya University, Japan

Welcome to the 2018 Joint Convention of SWST and JWRS!  
Shigehiko Suzuki (Prof. Dr.), Co-Chair: JWRS Nielske Brown (Prof. Dr.), Co-Chair: SWST

Sessions

- Non-5 - Registration, Opening, Keynote Presentations, Reception
- Non-6 - Technical Sessions and Poster Session
- Non-7 - Technical Sessions and Poster Session, Banquet
- Non-8 - Technical Sessions, Closing, Temple Visit
- Non-9 - Reception (Optional and additional cost)

Schedule

- Non-5 - Registration, Opening, Keynote Presentations, Reception
- Non-6 - Technical Sessions and Poster Session
- Non-7 - Technical Sessions and Poster Session, Banquet
- Non-8 - Technical Sessions, Closing, Temple Visit
- Non-9 - Reception (Optional and additional cost)

Wood Physics

Timber Engineering

Bioinspiration and Preservation

Wood Chemistry

Bioenergy and Biorecovery

Wood in Health and Wellness

Advances in Cell Biology

Composites/Adhesives

Mass Timber and Structures

Business and Marketing

CONTACT  
Graduate School of Biogenerative Science, Nagoya University, Japan • E-mail: 43942@nagoya-u.ac.jp  
SWST Executive Director: Victoria L. Herian • E-mail: vic@swst.org

2018 – Nagoya, Japan

SOCIETY OF WOOD SCIENCE & TECHNOLOGY

## SWST 63rd INTERNATIONAL CONVENTION

July 13-17, 2020  
INTERNATIONAL CONVENTION

Renewable Resources for a Sustainable and Healthy Future

Hoteli Bernardin, Portorož, Slovenia

Welcome to the birthplace of Tartini, the great composer and violinist of the 18th century, the Master of Nations, amateur mathematician and physicist who discovered a combination tone.

Small, picturesque town with academic tradition and support from the local academic community.

Modern and spacious congress centre with plenty of accommodation facilities.

All facilities within a walking distance.

Active role of Wood Societies of Europe.

Family friendly event:

- Activities for the whole family
- Adapted for different age groups
- Organised in different languages

SESSION THEMES:

- Wood Physics and Mechanics
- Wood Chemistry
- Advances in Cell Biology
- Bioinspiration and Preservation
- Timber Engineering and Mass Timber
- Composites and Adhesives
- Business, Marketing and Regulations
- Innovation, Trends and Regulations in Wood Science
- Wood in Health and Wellness
- Impact of Forest Disturbances on Wood Quality
- Early Stage Researcher
- Fire Protection
- Historic Preservation
- Digitalization
- Healthy Environments
- Sustainable Architecture

CONTACT: SWST Executive Director: Victoria L. Herian • E-mail: vic@swst.org • t: +386-577-1542

2020 – Koper, Slovenia (virtual)



SWST – International Society of Wood Science and Technology

# SWST North America Conventions

(During even numbered years)



## 2009 SWST International Annual Convention

Wednesday, June 24, 2009  
Lanai Room of the Doubletree Hotel Boise-Riverside  
Boise, Idaho, USA  
in cooperation with a Forest Products Society

### Topic: The Role of Wood in our Green Future

- 7:30-8:00 a.m. Registration and Coffee
- 8:00-8:30 a.m. Breakfast
- 8:30-9:15 a.m. Opening Remarks and Introductions  
by Jack Eckstein, IUFRO
- 9:15-10:00 a.m. Dematerials Consumption and Our Ecological Footprint – A Subsector Comparison – Jim L. Boyer, Colorado Forestry Institute, Fort Collins, Colorado; Pauline, and Pauline, University of Minnesota, Department of Bioproducts and Biosystems Engineering, Minneapolis, MN
- 10:00-10:15 a.m. Wildfires and Insects Threaten Forests: Timber Supplies and Our Health – Thomas Borner, PhD, Professor, Oregon State University, Corvallis, Oregon; and M. J. P. Powell, Forest Sciences Centre, Victoria, British Columbia, Canada
- 10:15-11:00 a.m. Break
- 11:00-11:15 a.m. Forest Certification – What It Really Means – Chris Phillips, SCS Worldwide, Sustainable Forestry, Weyerhaeuser Company, Buxton, WA, USA
- 11:15-11:45 a.m. Materials Are Green Only in Relationship to Each Other – LEEDING® Issues – Jeff Howe, CEO of Johnson Services and Chairman of the Board, General Technology, Inc., San Jose, CA, USA
- 11:45 a.m. – 1:30 p.m. Lunch and Annual Business Meeting
- 1:30-2:15 p.m. Life Cycle Analysis of the Forest Products Industry – No Longer an Option – Bruce Lippke, Professor and Director of Forest Resources, University of Washington, Seattle and President, COEEM
- 2:15-3:00 p.m. Why Fibre Mill Manufacturing is the Future of Sustainability – Chris Beck, Director, Innovation and Technology, for the Forestwood Pulpers Association, Portland, OR
- 3:00 p.m. Closing Remarks by Jack Eckstein
- 3:00-8:00 p.m. Poster Session/Cash Bar (Open House)



## SWST 2011 INTERNATIONAL CONVENTION PORTLAND, OREGON, USA

Day/Time	Topic	Speaker/Location
Thursday, June 23, 2011	6:00-7:30 a.m. Registration and Coffee	1000 NE Multnomah Street
7:30-8:00 a.m. Breakfast		
8:00-9:00 a.m. Opening Remarks and Introductions		
9:00-10:00 a.m. Dematerials Consumption and Our Ecological Footprint – A Subsector Comparison		
10:00-10:15 a.m. Wildfires and Insects Threaten Forests: Timber Supplies and Our Health		
10:15-11:00 a.m. Break		
11:00-11:15 a.m. Forest Certification – What It Really Means		
11:15-11:45 a.m. Materials Are Green Only in Relationship to Each Other – LEEDING® Issues		
11:45 a.m. – 1:30 p.m. Lunch and Annual Business Meeting		
1:30-2:15 p.m. Life Cycle Analysis of the Forest Products Industry – No Longer an Option		
2:15-3:00 p.m. Why Fibre Mill Manufacturing is the Future of Sustainability		
3:00 p.m. Closing Remarks		
3:00-8:00 p.m. Poster Session/Cash Bar		



2009 – Boise, Idaho

2011 – Portland, Oregon

### ATX EXECUTIVE & EDUCATION CONFERENCE CENTER FPS SWST INTERNATIONAL CONVENTION JUNE 9-11, 2013

Forest Products in a Global Sustainable Economy  
Advances in Wood Technology  
Economics of Forest Products in a Changing World  
Forest Products and the Environment

**SWST Session June 9, 2013**  
Technology Advancement and Marketing Practices in Biomass  
10:00-11:00 a.m. Biomass: A Renewable Resource  
11:00-11:30 a.m. Biomass: A Renewable Resource  
11:30-12:00 p.m. Biomass: A Renewable Resource

**June 10, 2013**  
8:00-9:00 a.m. Breakfast  
9:00-10:00 a.m. Opening Remarks – Graham Hill  
10:00-11:00 a.m. Biomass: A Renewable Resource  
11:00-11:30 a.m. Biomass: A Renewable Resource  
11:30-12:00 p.m. Biomass: A Renewable Resource

**June 11, 2013**  
8:00-9:00 a.m. Breakfast  
9:00-10:00 a.m. Opening Remarks – Graham Hill  
10:00-11:00 a.m. Biomass: A Renewable Resource  
11:00-11:30 a.m. Biomass: A Renewable Resource  
11:30-12:00 p.m. Biomass: A Renewable Resource

### SWST 2015 Annual Convention Renewable Materials and the Bio-Economy

June 7-12, 2015  
Jackson Lake Lodge, Grand Teton National Park, Jackson, Wyoming

**Our Convention Begins June 7 with an Evening Welcome Reception and Opening Ceremony.**  
The remainder of the week consists of morning and afternoon technical sessions with planned "outdoor activity breaks" so you can enjoy the incredible surroundings of Teton National Park. Activities available include: hiking, biking, a hike tour to Yellowstone National Park and Old Faithful, wildlife viewing, horseback riding, scenic bus tours, rafting, golf, tennis, or perhaps a tour of forest management areas. The Convention concludes with a Closing Ceremony and Banquet.

**Key Features:**

- One full day dedicated to early stage researchers (students and recent graduates). You can present your research and participate in a mini workshop focused on publishing in SWST journals. Students can participate in the Student Paper Competition with cash prizes.
- One full day dedicated to exploration of Grand Teton and Yellowstone National Parks.
- The IUFRO 5.0 Forest Products Marketing and Business Management Research Group will hold a full-day meeting in conjunction with SWST technical sessions.

**Potential Session Themes:**

- Upstream/Downstream
- Corporate Social Responsibility
- Knowledge of Upstream/Downstream
- Innovation in Wood Construction
- Forest Sector
- Innovative and Creative
- Next Generation Composites
- No Energy, Fats, and Chemicals
- Business and Marketing

The main venue will be 50% single or double, with 50% all. All rooms include complimentary internet access.

Jackson Lake Lodge promotes a Sustainable Site. No bottled water is sold at Jackson Lake Lodge, so it is recommended that you bring your own bottles.

Convention Websitepage: [www.swst.org/venue/ATX/](http://www.swst.org/venue/ATX/)

### IUFRO 2017 Division 5 CONFERENCE Vancouver, BC June 12th-16th

#### Forest Sector Innovations for a Greener Future

The Innovation Sustainability theme will focus on the forest sector's role in the world's green economy and on the role of wood products in a sustainable future. The conference is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements. The conference will be held in Vancouver, BC, Canada, from June 12th to 16th, 2017.

**Forest Sector Innovation**  
The forest sector is a key player in the world's green economy and is a source of innovation and sustainability. The conference will provide a platform for the forest sector to showcase its innovation and sustainability achievements. The conference will be held in Vancouver, BC, Canada, from June 12th to 16th, 2017.

**Innovations in Wood Building and Design**  
Wood is a sustainable, renewable, and low-carbon building material. The conference will provide a platform for the forest sector to showcase its innovation and sustainability achievements. The conference will be held in Vancouver, BC, Canada, from June 12th to 16th, 2017.

**Innovations in Forest Management, Policy and Marketing**  
The forest sector is a key player in the world's green economy and is a source of innovation and sustainability. The conference will provide a platform for the forest sector to showcase its innovation and sustainability achievements. The conference will be held in Vancouver, BC, Canada, from June 12th to 16th, 2017.

**Innovations in Business Models and Management**  
The forest sector is a key player in the world's green economy and is a source of innovation and sustainability. The conference will provide a platform for the forest sector to showcase its innovation and sustainability achievements. The conference will be held in Vancouver, BC, Canada, from June 12th to 16th, 2017.

**Why come to this conference?**

- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.
- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.
- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.

**Reasons to attend:**

- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.
- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.
- It is a key event for the forest sector and will provide a platform for the forest sector to showcase its innovation and sustainability achievements.

For more information please visit [www.iufrodiv5-2017.ca](http://www.iufrodiv5-2017.ca)

### SWST 62ND INTERNATIONAL CONVENTION Renewable Materials and the Wood-based Bioeconomy

OCTOBER 20-25, 2019  
TENAYA LODGE AT YOSEMITE NATIONAL PARK

**SESSION THEMES**

- WOOD WISES AND MEASURES
- WOOD DIVERSITY
- ADVANCES IN CELL REACTIVITY
- BIODEGRADATION AND PRESERVATION
- BIOMASS SWEETENER AND WOOD PULPERS
- COMPOSITES AND ALGIVASTS
- BIOETHIC, MARKETING AND REGULATORY
- ANALYTICAL TOOLS AND TESTING
- WATER WISES AND WOODS
- WISPS OF FOREST BIT BY BIT
- WOOD QUALITY
- EMERGING RESEARCHER

**SCHEDULE**

- October 20: Welcome Reception and Opening Ceremony
- October 21: Early Stage Researcher Session, Technical Sessions
- October 22: Technical Sessions and Poster Session with Student Poster Competition
- October 23: Optional Tour Day
- October 24: Technical Sessions and Banquet
- October 25: Technical Sessions, SWST Business Meeting and Awards Presentation, Closing Ceremony

**CONTACT**

SWST Executive Director  
Victoria, British Columbia, Canada  
1-608-977-1342

[www.swst.org/wpi/meeting/2019-swst-international-convention/](http://www.swst.org/wpi/meeting/2019-swst-international-convention/)

2013 – Austin, Texas

2015 – Grand Teton NP

2017 – Vancouver, Canada

2019 – Yosemite NP

# Next International Convention

2021 International  
Convention  
August 1-6, 2021

Little America Hotel  
Flagstaff, Arizona  
USA

LITTLE AMERICA HOTEL ♦ FLAGSTAFF, ARIZONA

## SWST 64TH INTERNATIONAL CONVENTION **AUGUST 1-6, 2021**

VALUE FROM WOOD RESOURCES THROUGH INNOVATION



SOCIETY OF  
WOOD SCIENCE &  
TECHNOLOGY

### SCHEDULE

- August 1** Welcome Reception and Opening Ceremony
- August 2** Keynote, Early Stage Researcher Session, Technical Sessions
- August 3** Technical Sessions and Student Poster Competition
- August 4** Open Tour Day
- August 5** Technical Sessions and Banquet
- August 6** Technical Session, Business Meeting and Awards Presentation, Closing Ceremony

### POINTS OF INTEREST

**8 NATIONAL PARKS  
/MONUMENTS**  
Within Two-Hour Drive

**80 MILES**  
from Grand Canyon  
South Rim

**4 STATE  
PARKS  
NEARBY**

**108 MILES**  
to Petrified Forest  
National Park

**LOWELL  
OBSERVATORY**

Hiking, Shopping,  
Golfing, Museums

### SESSION THEMES

- Forest Value and Environmental Threats
- Business, Market Developments and Regulations
- Tree Values: from Adequate Land Use to Products
- Valuable Composites and Adhesives
- Sustainable Living and Housing
- Resilient Wood Resources (revisiting wood quality)
- Understanding Cambium and Wood Formation
- Approaches in Combatting Illegal Logging and Timber Trade
- Wood Physics and Properties
- International Trends in Innovation and Education
- Early-Stage Researcher
- Poster Session

### CONTACT

SWST Executive Director:  
Victoria L. Herian • E-mail: [vicki@swst.org](mailto:vicki@swst.org)  
1-608-577-1342





SWST – International  
Society of Wood  
Science and Technology

# Future International Conventions



2022 – July 10-15, 2022, Sippy Downs,  
Australia



2023 – June 25-30, Crowne Plaza, Asheville,  
North Carolina  
(Smoky Mountains National Park)

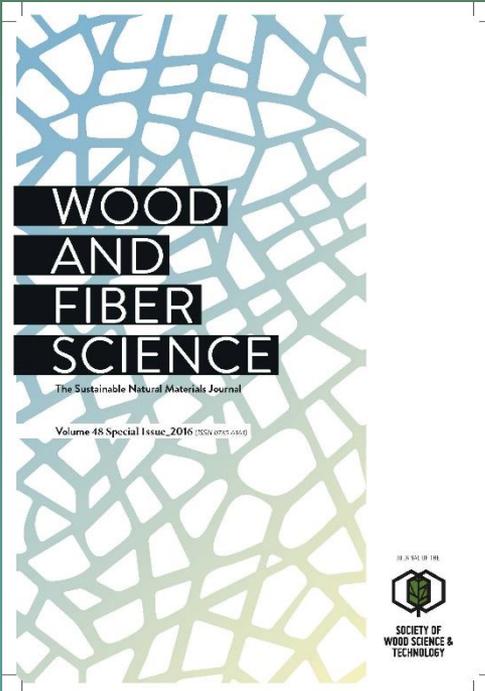


2024 – Slovenia



SWST – International  
Society of Wood  
Science and Technology

# SWST Benefits/Services: Wood and Fiber Science Journal

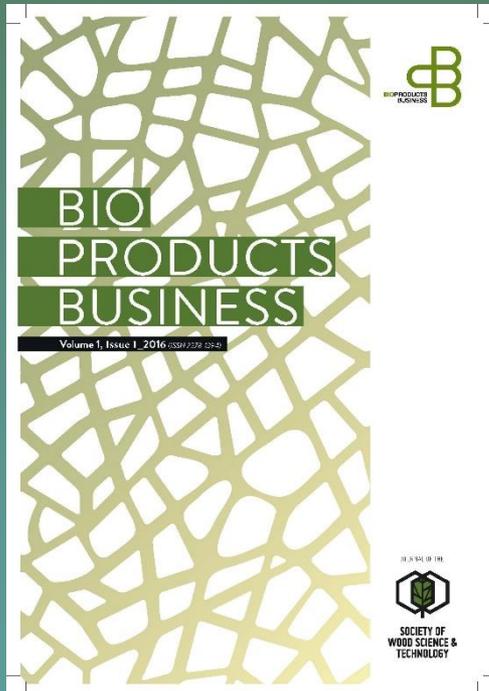


- Official publication, quarterly
- Original papers of professional concern, or based on research dealing with the science, processing, and manufacture of wood and lignocellulosic materials
- Available in print and electronic version



SWST – International  
Society of Wood  
Science and Technology

# SWST Benefits/Services: BioProducts Business eJournal



- Official publication, published online upon layout completion
- Original papers of business and management topics in forest-based resources
- Open access



SWST - International Society of Wood Science and Technology

# Special Publications

## PROCEEDINGS

Forest Products Education: Kids & Teachers  
2001 Annual Meeting  
Baltimore, Maryland  
June 24, 2001



The Society of Wood Science & Technology

**SWST**

## Proceedings

State of the Profession:  
Reviewing Our Accomplishments,  
Establishing Our Breadth,  
Outlining Our Future

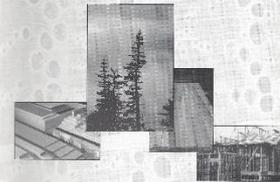
2002 Annual Meeting  
Madison, Wisconsin  
June 23, 2002



The Society of Wood Science and Technology

**SWST**

## PROCEEDINGS — The Roles of Wood Science and Technology in Forest Sustainability



SOCIETY OF WOOD SCIENCE AND TECHNOLOGY  
One Gifford Pinchot Drive  
Madison, WI 53705-2398  
www.swst.org

## Proceedings —

An International Perspective of  
Wood Science & Technology  
and Issues Affecting Wood  
Utilization



Society of Wood Science and Technology  
One Gifford Pinchot Drive  
Madison, Wisconsin 53705 - 2398

## Proceedings—

Symposium on  
Residential Fires  
and Wood Product Use



Society of Wood Science and Technology  
P. O. Box 5062  
Madison, Wisconsin 53705

## Proceedings--

Environmental Movement and Fiscal  
Influence on Wood Utilization  
Policy and Research



Society of Wood Science and Technology  
One Gifford Pinchot Drive  
Madison, Wisconsin 53705-2398



## PROCEEDINGS - Material Changes in Residential Construction

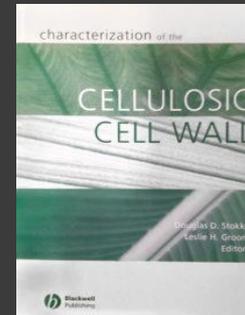


SOCIETY OF WOOD SCIENCE AND TECHNOLOGY  
**SWST**  
One Gifford Pinchot Drive  
Madison, WI 53705-2398  
www.swst.org

H. Resch

## Drying Wood With High Frequency Electric Current

Wood Science and Technology



## characterization of the CELLULOSIC CELL WALL

Thomas D. Stokke  
Leslie H. Groom  
Editors

Blackwell  
Publishing

## PROCESS CONTROL IN THE FOREST PRODUCTS INDUSTRY

A Symposium held November 2-3, 1990  
at the Oregon Forestry Society, Corvallis, Oregon

H. RESCH  
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SWST - International  
Society of Wood  
Science and Technology

# SWST Benefits/Services: Accreditation

- Professional accreditation of wood science and technology baccalaureate educational programs has been a very important function of the Society since 1984.
- Through accreditation, the Society seeks to improve the quality of professional wood science and technology education at the baccalaureate level and ensure that successful graduates entering the profession are highly qualified.



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# SWST Accreditation Roadmap



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## Accreditation Program for bachelor's-level professional degrees in **renewable materials**



SWST recognizes global institutions meeting high quality requirements of bachelor's-level professional degrees.

Eligible bachelors are focused on **renewable materials (RM)** and include Wood Science, Bio-based Materials, Sustainable Products etc.

Accredited institutions are more appealing and gain in international perspective: twelve Schools are already accredited worldwide.

### Topic areas and basic knowledge



General education and basics of biology, physical, mechanical and chemical properties of **RM**



Harvesting, processing and manufacturing of **RM**



Sustainable building materials



**RM** science and engineering



Growth and management of **RM**



Environmental impacts and sustainability of **RM**



Bioenergy and bioconversion



Business and entrepreneurship



Pulp, paper and packaging sciences

### Accreditation Handbook

**SECTION 1 Accreditation standards:** program mission, curriculum and student competencies etc.

**SECTION 2 Accreditation procedures:** eligibility, application, process, visits, time lines etc.

**SECTION 3 Guidelines:** for presenting self-evaluation information and annual reports.

**APPENDIX Required documents:** to be filled for the accreditation and the annual report.

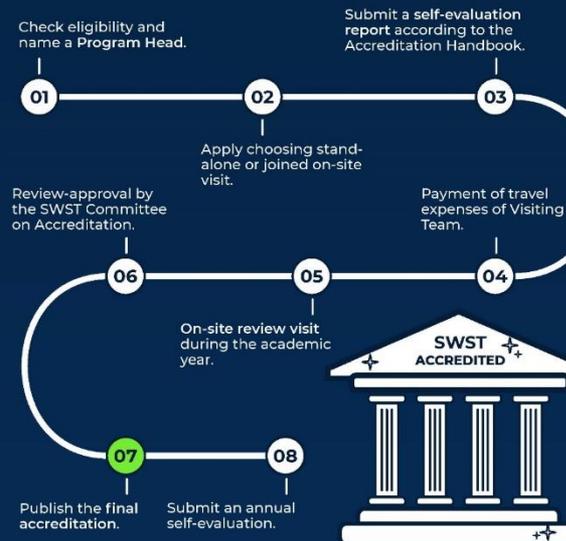
### Time Lines

**JUN** Accreditation bases on a calendar year: apply by June.

**2.5 DAYS** On-site visit lasts at least 2.5 days during the academic year.

**10 YEARS** Accreditation is normally granted for 10 calendar years.

### Accreditation Process



Get the Accreditation Handbook  
and become a Program Head!

vicki@swst.org  
www.swst.org/wp/education/accreditation

SWST 2020  
The present flyer is  
purely intended for  
information purpose.



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# SWST Accredited Programs

University	Last accredited	Expires
Bogor Agriculture University, Bogor, Indonesia	2014	2024
Mississippi State University, Miss. State, MS USA	2017	2027
Nanjing University, Nanjing China	2017	2027
North Carolina State University, Raleigh, NC USA	2015	2025
Oregon State University, Corvallis, OR USA	2013	2023
South China Agricultural Univ., Guangzhou, China	2019	2029
Universidad del Bio-Bio, Concepcion, Chile	2009	2019
University of Idaho, Moscow, ID USA	2015	2025
University of Maine, Orono, ME USA	2013	2023
Virginia Tech, Blacksburg, VA USA	2015	2025
West Virginia University, Morgantown, WV USA	2019	2029
Zhejiang A & F University, Lin'an, China	2018	2028



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# SWST Benefits/Services: Visiting Scientist Program

- International and national travel grants
- Enhance the professional growth of our members
- Broaden their research perspective and develop collaborative linkages
- Promote SWST in the international arena





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# SWST Benefits/Services: Awards

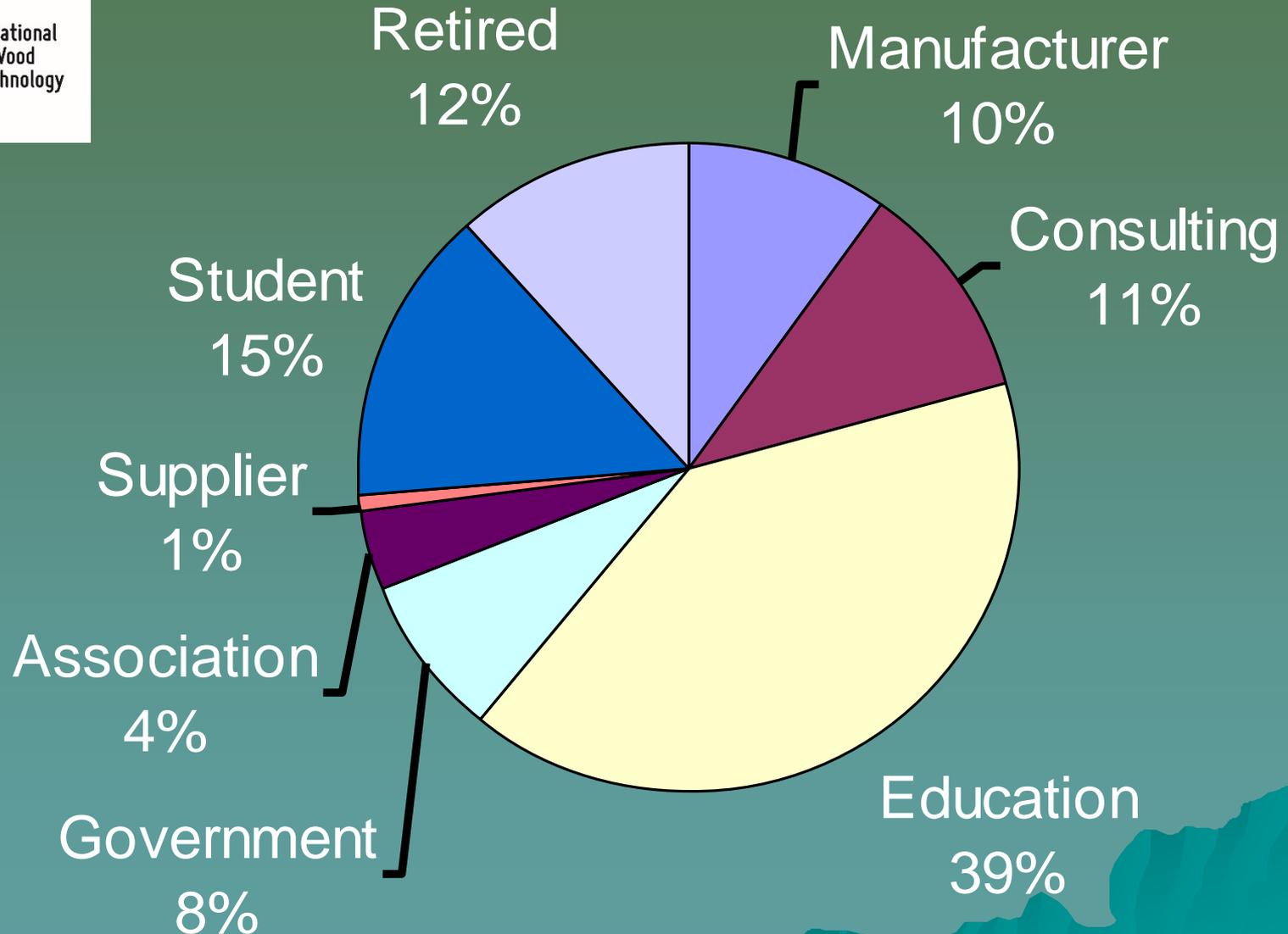


- **Fellow Award**
- **Distinguished Service Award**
- **Distinguished Educator Award**
- **Student Poster Competition Award**
- **Short Term Scientific Mission Awards**
- **George Marra Award for Excellence in Writing**



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# SWST Membership (n=~865)





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# SWST Benefits/Services: Student Membership

Annual student  
poster award



George Marra Award  
for excellence  
in writing

Annual international  
conventions



Student travel  
grants to attend  
international meetings

Online access  
to the journal  
*Wood Fiber & Science*



Your thesis or  
dissertation title  
printed in the Journal

Career information -  
Job vacancy and  
resume posting



Monthly newsletter

# SWST Benefits/Services: International Developing Country Membership

Online  
Access  
Only



**SWST - International Society of Wood Science and Technology**

PO Box 155 • Monona, Wisconsin 53716-0155 USA  
 PH: 608-577-1342 • FAX: 608-467-8979 • EMAIL: [wicki@swst.org](mailto:wicki@swst.org)

**OUR VISION:** To be the world leader in advancing the profession of wood science.

**OUR MISSION:** To provide service to SWST members; to develop, maintain, and promulgate the educational, scientific, and ethical standards that define the profession; and to advocate the socially responsible production and use of wood and lignocellulosic materials.

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**INTERNATIONAL MEMBERSHIP FOR MEMBERS OF EMERGING COUNTRIES**

The Society of Wood Science and Technology has established a new membership category for an individual from the list of emerging countries in this brochure. This would include online access to the *Wood and Fiber Science* journal, receipt of our electronic newsletter, and all other benefits that the membership provides electronically. No hardcopy of any material will be mailed. The qualifications for membership apply as shown in the brochure.

The fee structure will be (in U.S. Dollars):  
 Full \$20 • Student \$10  
 University/Institution Bundled -  
 10 students for \$90 (a savings of \$10)  
 10 full members for \$180 (a savings of \$20)

Application can be made at <http://www.swst.org/wp/membership/>

**SWST BENEFITS:**

Wood Science is the study of the anatomical, physical, chemical, and mechanical properties of wood. Wood scientists convert trees to useful wood products, recycle wood products to extend the use of this valued resource, and apply science and engineering to extend our natural resources.



## LIST OF DEVELOPING COUNTRIES

Afghanistan	Guinea	Panama
Albania	Guinea-Bissau	Papua New Guinea
Algeria	Guyana	Paraguay
Angola	Fiji	Peru
Anguilla	Haiti	Philippines
Antigua and Barbuda	Honduras	Rwanda
Armenia	India	Samoa
Azerbaijan	Indonesia	San Tome and Principe
Bahrain	Iran	Senegal
Bangladesh	Iraq	Serbia and Montenegro
Barbados	Jamaica	Seychelles
Benin	Kazakhstan	Sierra Leone
Bhutan	Kenya	Solomon Islands
Bolivia	Kiribati	Somalia
Bosnia and Herzegovina	Kyrgyz Republic	South Africa
Botswana	Laos	Sri Lanka
Burkina Faso	Lebanon	St. Helena
Burundi	Lesotho	St. Kitts and Nevis
Cambodia	Liberia	St. Lucia
Cameroon	Macedonia (former Yugoslav Republic)	St. Vincent and Grenadines
Cape Verde	Madagascar	Sudan
Central African Republic	Malawi	Suriname
Chad	Maldives	Swaziland
Colombia	Mali	Tajikistan
Comoros	Marshall Islands	Tanzania
Congo, Dem. Rep.	Mauritania	Thailand
Cook Islands	Mauritius	Timor-Leste
Costa Rica	Mayotte	Togo
Cote d'Ivoire	Micronesia, Federated States	Tokelau
Croatia	Moldova	Tonga
Cuba	Mongolia	Trinidad and Tobago
Djibouti	Montserrat	Tunisia
Dominica	Morocco	Turkey
Dominican Republic	Mozambique	Turkmenistan
Ecuador	Myanmar	Turks and Caicos Islands
Egypt	Namibia	Tuvalu
El Salvador	Nauru	Uganda
Equatorial Guinea	Nepal	Uzbekistan
Eritrea	Nicaragua	Vanatu
Ethiopia	Niger	Vietnam
Gabon	Nigeria	Wallis and Futuna
Gambia	Niue	Yemen
Georgia	Oman	Zambia
Ghana	Pakistan	Zimbabwe
Grenada	Palau Islands	
Guatemala	Palestinian Administered Areas	

<https://www.swst.org/wp/membership/list-emerging-countries/>



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# Website

<https://www.swst.org>



SWST, your professional society  
Assuring high standards for professional  
performance of wood scientists and technologists



SWST International Convention  
June 12-16, 2017  
Vancouver, BC, Canada

[Program](#) [Register](#)

### About SWST

The Society of Wood Science & Technology (SWST) is an internationally-recognized professional organization of wood scientists, engineers, marketing specialists and other professionals concerned with lignocellulosic materials. Members are dedicated to the wise use of one of our most environmentally-sound resources. SWST is committed to protecting our forests through the development of new ideas, procedures, policies and products for the wood industry.



### MEMBERSHIP

The Society of Wood Science & Technology (SWST) is an internationally-recognized professional organization of wood scientists, engineers, marketing specialists and other professionals concerned with lignocellulosic materials. Members are dedicated to the wise use of one of our most environmentally-sound resources.



### PUBLICATIONS

Two mechanisms will help to bridge education to all who practice our quarterly journal, Wood and Fiber Science, which is not only in printed format but available in an electronic format, and our fully electronic, free access, BioProducts Business Journal.



### MEETINGS

This organization establishes a forum for the exchange of ideas and the communication of knowledge through International Conventions and Regional Meetings.



### EDUCATION

Quality education in our field is a fundamental first step in taking wood science and industry into the 21st century. By funding educational programs at all levels of the field—undergraduate, graduate and post-graduate—SWST asks universities and colleges to provide a quality educational foundation through accreditation of wood science and technology programs.

### SOCIETY BLOG

#### 2017 Wood Adhesives Conference Save the Date!

The premier technical conference on adhesives in cellulose and wood applications, October 25-27, 2017 in Atlanta, GA.

[More...](#)

#### Assistantship-UGA Fully Funded Position

Available at the Dorenda Forest Sustainability Lab located at the University of Georgia's Warnell School of Forestry and Natural Resources.

[More...](#)

#### In Praise of Peter Koch

(1929-1998)

Howie Peter Koch, who was both active in the Forest Products Society, SWST, and was both a member of the Society of American Foresters, as was Peter's father.

[More...](#)

SIGN UP TO RECEIVE UPDATES

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#### ABOUT SWST

Our Ridge  
Brochure  
Policy  
Executive Board  
Contact Us

#### MEMBERSHIP

Join SWST  
Renew Membership  
Benefits  
Members Only  
Handbook  
Emerging Countries  
Mechanics

#### PUBLICATIONS

WFS Journal  
Journal Submissions  
BioProducts Business  
Journal Submissions  
M/F/D Table  
Proceedings  
Brochure

#### MEETINGS

Annual Convention  
Past Conventions  
Upcoming Conventions  
Other Meetings

#### EDUCATION

Teaching Units  
Educational Materials  
Accreditation  
Directory of Schools  
Student Chapters  
Writing Scientists

#### NEWS

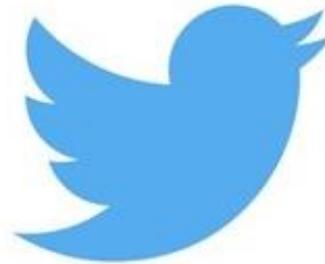
Announcements  
Newsletter  
Awards

# SWST Social Media

[https://www.facebook.com/  
SocietyWood/](https://www.facebook.com/SocietyWood/)



<https://twitter.com/SocietyWood>



[https://www.instagram.com/  
societywood/](https://www.instagram.com/societywood/)



[https://www.linkedin.com/  
company/society-of-wood-  
science-and-technology/](https://www.linkedin.com/company/society-of-wood-science-and-technology/)

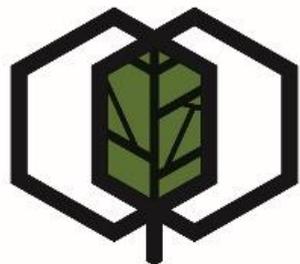




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# Final Remarks

- **SWST continue in internationalization - (international leadership on board and committees)**
- **Raise SWST profile on a global scale - web and social media**
- **Continue to expand communication among existing wood products programs**
- **Continue to provide opportunities for young researchers**
- **Continue to promote innovative utilization of wood**
- **Seek interdisciplinary opportunities for wood related research**
- **Defend sustainable nature of wood and wood products**



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# Join us!

<https://www.swst.org>

LITTLE AMERICA HOTEL + FLAGSTAFF, ARIZONA  
**SWST 64TH INTERNATIONAL CONVENTION AUGUST 1-6, 2021**  
VALUE FROM WOOD RESOURCES THROUGH INNOVATION



**SCHEDULE**

- August 1 Welcome Reception and Opening Ceremony
- August 2 Keynote, Early Stage Research Session, Technical Sessions
- August 3 Technical Sessions and Student Poster Competition
- August 4 Open Year Day
- August 5 Technical Sessions and Banquet
- August 6 Technical Session, Business Meeting and Awards Presentation, Closing Ceremony

**POINTS OF INTEREST**

8 NATIONAL PARKS / MONUMENTS Within Two-Hour Drive	80 MILES from Grand Canyon South Rim	4 STATE PARKS NEARBY
108 MILES to Petrified Forest National Park	LOWELL OBSERVATORY	Hiking, Shopping, Golfing, Museums

**SESSION THEMES**

- Forest Values and Environmental Threats
- Business Model Development and Regulations
- 100 Years from Adaptive Land Use to Products
- Woodlife Competition and Advances
- Sustainable Logging and Harvesting
- Resilient Wood Resources
- Genetics and Genomics
- Understanding Carbon and Wood Formation
- Approaches to Combating Illegal Logging and Timber Trade
- Wood Physics and Properties
- International Forestry Innovation and Education
- Early Stage Researchers
- Poster Session

**CONTACT**  
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1 608 577 1342



[WWW.SWST.ORG/WF/MEETING/2021-INTERNATIONAL-CONVENTION-FLAGSTAFF/](http://WWW.SWST.ORG/WF/MEETING/2021-INTERNATIONAL-CONVENTION-FLAGSTAFF/)

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