



SWST Newsletter

SOCIETY OF WOOD SCIENCE AND TECHNOLOGY
January/February 2005

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SWST Snapshot

SWST Membership	Jan. 2005
Full members	242
Student members	28
Retired members	45
Affiliate members	4
Delinquent members	103
Fellows	2

Wood And Fiber Science Journal	Jan. 2005
Subscribers	187
Delinquent Subscribers	59
Number of articles in 37(1)	12
<i>Currently in the pipeline</i>	
Ready for typesetting	30
Under revision by authors	23
Under review	17
Rejected	2



Rado Gazo, *Editor*

Financial	Jan. 2005
Cash & Bank Accounts	\$145,893
Investments	\$63,462
Liabilities	\$1,449

Web Page	Dec. 2004
Number of unique visitors	754
Number of new visitors	505
Megabytes transferred	694
More data:	
	http://www.swst.org/nettracker/reports/

NEWS

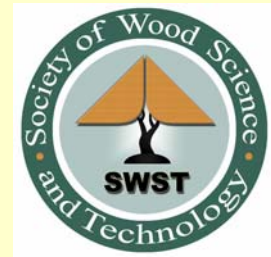
Pallet Phytosanitation - A new web site titled Pallet Phytosanitation – Information for International Trade has recently been launched. This project was supported by funds provided by the U.S. Department of Agriculture, Forest Service, Wood Education Resource Center, and the Limestone Bluffs RC&D, Inc. In this educational website you will find technical information and new technologies for manufacturers and others involved in manufacturing wood packaging for international shipments. It also provides projects focused on showcasing existing technologies to wood packaging manufacturers and others dealing with phytosanitary compliance issues. The main focus is to highlight and summarize research previously funded by Limestone Bluffs RC&D regarding wood packing phytosanitation. The talks presented on the site can also be obtained via a DVD by contacting the LSU AgCenter, USDA Forest Service, or Limestone Bluffs RC&D. <http://www.agctr.lsu.edu/enr/pallelsanitation/index.asp>

Visiting Scientist Program - The SWST is inviting you to participate in the Visiting Scientist Program. The SWST Visiting Scientist Program facilitates the exchange of knowledge between outstanding specialists in wood science and technology and interested persons at educational, industrial, or governmental institutions. It provides international travel grants for the professional growth of two members each calendar year. These grants are to enhance the members' international perspective and networking with scientists, technologists, and engineers from other countries that are so vital to the success of SWST in the future. Successful candidates are also to bring colleagues from their home country into the networks they establish. Details about the program and funding proposal and history can be found on the SWST website: <http://www.swst.org/vsp.html>

RNRF Congress on Building Capacity for Coastal Solutions, Washington, D.C., December 6-7, 2004 - I represented SWST at the Renewable Natural Resource Foundation's (RNRF) Congress on Building Capacity for Coastal Solutions. I was joined by over 90 people from across the United States to hear speakers and discuss the coasts as a vital ecological and economic resource to our country. Unfortunately, as reported by both the Pew Oceans Commission and the U.S. Commission on Ocean Policy, the nation's oceans and coasts are in need of serious attention. While the effects of coastal resource problems are most dramatic along the coasts, the causes can develop far inland, even in our forested lands. Building capacity to address these issues at all levels—from local communities (both coastal and inland) to federal agencies—is critical to finding and implementing solutions. The Congress had speakers to address many of these issues and those to resolve marine and coastal resource issues through a multidisciplinary approach to the causes and solutions. Therefore, the invited delegates were comprised of a select group of professionals from the disciplines represented by our member organizations, congressional staff, sponsoring federal agencies, and other essential interests. More details can be found at <http://www.rnrf.org> --Howard N. Rosen.

CONFERENCES

48th Annual Convention - Society of Wood Science and Technology,
June 19, 2005. Delta Quebec Hotel, Quebec City, Quebec, Canada.



Session I: “Nanotechnology for the Forest Products Industry”
8:30 – 11:30

Session II: “Understanding Standing Timber Properties to Improve Wood Quality”
8:30 – 11:30

Awards, Business Meeting, Lunch
11:30 – 1:00

Session III: “Wood Physics and Drying Fundamentals”
1:00 - 4:00

Session IV: “Wood Modification”
1:00 – 4:00

Technical Forum and Student Poster Competition
4:00-5:30

Joint SWST/FPS Host Reception
6:30-8:00

For Information/Registration, contact:

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University of Maine Conference on AEWCs. The 3rd International Conference on Advanced Engineered Wood Composites to be held July 10 – 14, 2005 in Bar Harbor, Maine provides a focused venue for discussion of the commercial, scientific and engineering aspects of advanced engineered wood composites (AEWCs). Conference sessions cover **a comprehensive program including major product and process areas in AEWCs** - marine composites, codes and standards, wood plastic composites, adhesion, composites in construction, bio-composites, and FRP-reinforced bridge applications. This 3rd International Conference, like the 1st and 2nd

conferences, will bring together an international mix of academics and industrial researchers in the areas of materials, wood science, structural and civil engineering, and polymer science at a scale that facilitates active involvement and networking for all participants.

The conference offers the opportunity to combine business with vacationing in one of the world's premier coastal settings. The conference site, the Harborside Hotel and Marina, provides a state-of-the-art meeting facility with a world-class destination. Throughout the conference, participants will be able to view the panorama of Frenchman's Bay. Whale watching, deep sea fishing, sea kayaking, shopping, and fine dining are within easy walking distance of the Hotel. Shuttle service to nearby Acadia National Park provides access to swimming, hiking, and world famous seascapes. The Hotel offers a variety of rooms and suites with prices starting at \$135. See <http://www.theharborsidehotel.com> for more information.

Conference sponsors include Applied Thermal Sciences, HAVCO Wood Products LLC, CARMANAH Design and Manufacturing, Inc., Jeld-Wen, Foard Panel, Correct Building Products, Intertech International, Gordon Composites, and IMERYS.

For more information or to register go to <http://www.aewc.umaine.edu/conference>

Lumber Drying Workshop - The Louisiana Forest Products Development Center will be hosting a comprehensive 3 day lumber drying workshop "Drying Lumber For Quality and Profit" on August 17-19, 2005. The workshop will be held at the LSU AgCenter School of Renewable Natural Resources on the LSU campus in Baton Rouge, LA. This workshop will thoroughly cover the lumber drying process from start to finish of hardwood and softwood lumber. In addition, participants will gain valuable hands-on experience in the laboratory periods. Some of the topics to be covered include wood-water relations, wood anatomy, EMC-temperature-RH, moisture meters, steam kilns and operation, kiln control principles, drying stress and degrade, statistical process control, trouble shooting, air drying and stain, and wood shrinkage. Contact Dr. Todd Shupe for more information at tshupe@agctr.lsu.edu or (225)578-6432.

8th INTERNATIONAL CONFERENCE ON WOODFIBER-PLASTIC COMPOSITES (AND OTHER NATURAL FIBERS), Madison, Wis. – A conference on woodfiber-plastic composites and natural fiber composites will be held Monday, May 23, through Wednesday, May 25, 2005 at the Monona Terrace Community and Convention Center, Madison, Wisconsin, USA. The 3-day conference is the 8th in a series that has been held every other year in Madison. The conference is hosted by the USDA Forest Service, Forest Products Laboratory in cooperation with the American Institute of Chemical Engineers, the Norwegian University of Science and Technology, the University of Tennessee in conjunction with Oak Ridge National Laboratory, the University of Toronto and Materials & Manufacturing Ontario, and the Forest Products Society. The Monday evening reception is sponsored by Luzenac America.

For further information, contact the Conferences & Meetings Department, Forest Products Society, 2801 Marshall Court, Madison, WI 53705-2295 USA; Phone: 608-231-1361, ext. 208,

Fax: 608-231-2152, E-mail: conferences@forestprod.org,
<http://www.forestprod.org/confwoodfiber05.html>

Visit FPS on line at <http://www.forestprod.org/confwoodfiber05.html> to download the program/registration information, reserve exhibit space, or to submit a request for a poster presentation.

EXPO 2005 SEMINARS FPS-Sponsored Technical Seminars at the Forest Products Machinery & Equipment Exposition, Georgia World Congress Center, Atlanta, Georgia, USA, June 23-25, 2005.

A comprehensive series of eight Seminars, sponsored by the Forest Products Society and the Southern Forest Products Association, will be offered in conjunction with EXPO 2005. These seminars are designed to complement the displays of equipment and machinery, offering practical information that can have a direct impact on your operation. There are six Technical Seminars and two Logging Seminars. Each seminar is repeated over a three-day period. The registration fee for each of the Technical Seminars (T1-T12) is \$55. Logging Seminars (L1-L4) are \$25 per seminar. Space is limited and registrations will be accepted on a first-come, first-served basis.

To view and print the publicity brochure and registration form (PDF format), please visit FPS on line at <http://www.forestprod.org/sfpa05bro.pdf>.

Call for Papers - WOOD ADHESIVES 2005, November 2-4, 2005, Holiday Inn on the Bay, San Diego, California, USA. Sponsored by the USDA Forest Service, Forest Products Laboratory in cooperation with the Forest Products Society.

The eighth in a series of symposia sponsored every 5 years by the USDA Forest Service, Forest Products Laboratory designed to provide a comprehensive update of the science and technology of wood adhesives and bonded wood products. Information transfer during the 3-day symposium will take place via a workshop, technical and poster presentations, tabletop exhibits, and a discussion forum.

For more information, complete and submit the on line form at <http://www.forestprod.org/adhesives05callforpapers.html>. As additional information on the program is developed, it will be available at <http://www.forestprod.org/conf2005.html>.

The Second European Conference on Wood Modification (ECWM) will take part on 6th/7th October 2005 in Goettingen. The web-address is: <http://www.ecwm.uni-goettingen.de/home/>

POLYMER SOURCING 2005 - Changing dynamics in global supply and demand. 5-7 April 2005, Radisson SAS Hotel, Hamburg, Germany. Organized by Applied Market Information Ltd.

Polymer Sourcing 2005 is a new conference looking specifically at the latest developments that will influence the whole European polymer supply chain.

<http://www.amiplastics.com/ami/Images/General/Conferences/Polymer%20sourcing/Polymer%20sourcing%20brochure.pdf>

The event will highlight the effect of geographical changes in polymer production on polymer trading and distribution in Europe. An Asian perspective on changing global patterns of polymer demand and a review of the likely impact of the new LME futures contracts on polyolefin sales will also be discussed.

WOOD-PLASTIC COMPOSITES 2005 - The international business conference & exhibition for wood-plastic composites industry 5-7 December 2005, Austria Trend Eventhotel Pyramide, Vienna, Austria Organized by Applied Market Information Ltd. <http://www.amiplastics.com>

EMPLOYMENT OPPORTUNITIES

From SEARCH NORTH AMERICA, INC. <http://www.searchna.com>

Senior Industrial Engineer Salary to \$100,000 + incentives. Major wood processing firm in upper Midwest seeking skilled candidate to oversee all phases of process improvements in several plants. Skills include BS Engineering, 5+ years experience in updating process improvements including significant process information technology applications. Other requirements include SPC, PLC's and Wonderware In-Touch HMI applications. Excellent future for forward-thinking engineer to lead process improvements at several plant locations. Solid written and verbal communication skills essential. (SA#4952)

Board Plant Maintenance Superintendent Salary to \$80,000 + incentives. Multi-plant structural panelboard firm seeking to upgrade maintenance management program at Midwest plant location. Facility operates 24-7. Selected candidate will be responsible for all preventative/predictive maintenance activities including cogeneration power facility. Qualified candidates must have at least a 2-year A.A. degree and 10+ years of solid maintenance leadership experience in medium to heavy manufacturing operations. (SA# 4955)

Board Plant Production Superintendent Salary to \$80,000 + incentives. Multi-plant structural panelboard firm seeking to upgrade production management program at Midwest plant location. Facility operates 24-7. Responsibilities include product quality, production supervision, hiring, training and safety of production personnel, developing and maintaining operating budgets, participating in maintenance planning activities, identify and support process improvement programs. Selected candidate must have 5+ years in production, maintenance of

Q.C. supervision in an OSB operation. Solid coordination and leadership skills essential. (SA# 4954)

OSB Production Team Leader Salary to \$60,000 + incentives. Midwest-based facility seeking skilled industrial shift supervisor to oversee select phases of OSB processing operations. Selected candidate must have 5 years industrial leadership experience and solid track record in plant safety, operator training practices, use of PC's, team leadership and coaching. Shift schedule is 4 12's on a rotating basis. (SA# 4949)

Procurement Forester Salary to \$60,000. Midwest wood converting complex seeking degreed forester with 3+ years field experience to manage permit and open market pulpwood fiber procurement area activities. Other responsibilities include timber residual sales, develop area operating plans and budgets, insure contractors adhere to corporate environmental policies. Selected candidate must be self-motivated and have ability to relate to the public regarding forestry issues. (SA# 4950)

Control Systems Technician Salary to \$50,000. Major midwest forest products company seeking person skilled in the operation and maintenance of electronic instrumentation related to computer-based process control systems. Selected candidate must have AA degree and 4 years experience in industrial automation applications. PLC's and appropriate software (Wonderware, RS Logix, RS Linx). Knowledge of IBM compatible computers and Windows NT and DOS is also necessary. Responsibilities include installing, maintaining and updating manufacturing control systems and software throughout the plant. Excellent benefit package. (SA# 4951)

STUDENT PROFILE --- Chris Knowles



I have a B.S.F. in Forest Management and a M.S.F. from Stephen F. Austin State University in Nacogdoches, TX. I did my thesis work on the wood properties of finger-jointed southern pine. I have two years of teaching experience from Stephen F. Austin, teaching Forest Soils and Introduction to Forestry.

After completing my Master's degree, I enrolled at Oregon State University in the fall of 2003 to pursue a PhD in Forest Products Marketing under the direction of Dr. Eric Hansen. My research project is measuring firm innovativeness in the forest products industry.

After completing my PhD, I plan to pursue a faculty position in the area of Forest Products Marketing.

DOUG'S AMUSEMENTS CORNER --- MAINE HUMAH

A group of Maine friends went deer hunting and paired off in two's for the day. That night, one of the hunters returned alone, staggering under the weight of an eight-point buck. "Where's Henry?" the others asked. "Henry had a stroke of some kind. He's a couple of miles back up the trail," the successful hunter replied. "You left Henry laying out there and carried the deer back?" they inquired. "A tough call," nodded the hunter. "But I figured no one is going to steal Henry!"

Regarding the year 2000, a senior at University of Maine was overheard saying "when the end of the world comes, I hope to be in "Maine" When asked why, he stated that everything happens here 20 years later than the rest of the civilized world.

The young Mainer came running into the store and said to his buddy, "Elmer, somebody just stole your pickup truck from the parking lot!" Elmer replied, "Did you see who it was? The young fella answered, "I couldn't tell, but I got the license number."

NEWS FLASH! - Bethel, Maine----- Maine's worst air disaster occurred when a small two-seater Cessna 150 plane, piloted by two local Maine college students, crashed into a cemetery earlier today in Bethel. Bethel search and rescue workers have recovered 300 bodies so far and expect the number to climb as digging continues into the evening. The pilot and copilot survived and are helping in the recovery efforts.

A Maine State trooper pulled over a pickup on highway 61. The trooper asked, "Got any ID?" The driver replied, "Bout whut?"

ABOUT SWST

The SWST Newsletter is published six times a year by the Society of Wood Science and Technology, One Gifford Pinchot Drive, Madison, WI 53705, USA.

Items for the Newsletter may be sent to Rado Gazo, at: gazo@purdue.edu

The Society of Wood Science and Technology is a technical and professional organization for scientists and engineers working in academia, government, consulting and the forest-products industries and is dedicated to providing education and expertise regarding better ways to use and produce wood products.

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SWST Newsletter

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