

SWST Newsletter

~ October 2007 ~



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Notes from the Editor



An SWST Education Wiki site has been developed. The current list of organizational contact persons may be found at woodscience.umaine.edu:8888/xwiki/bin/view/Main/ Please contribute information from your own institution.

Wood and Fiber Science is now available for viewing and accessing online. If you are a subscriber to the journal or a member of SWST, you have full online access Members should go through the [SWST website](#). Subscribers can go to

swst.metapress.com.

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In Memoriam Jozsef Bodig

Jozsef Bodig, 73, passed away on Sept. 12, 2007.

Bodig was born in Gonc, Hungary on January 20, 1934, the son of Matyas and Maria Bodig. He spent his younger years in Gonc before working as a pattern maker in a steel mill in Diosgyor. He finished high school in an accelerated program and enrolled at the University of Sopron in a forest engineering program. During the uprising against communism, his school left Hungary and immigrated to Vancouver, British Columbia, Canada. In 1959 he graduated from the University of British Columbia with a double degree: Bachelor Science of Forestry and Forest Engineering. He continued his studies at the University of Washington earning a Master of Forestry in Wood Technology in 1961 and Ph.D. in Forest Products with a minor in Structural Engineering in 1963.

He married Verna Jean West in Seattle, WA on July 14, 1962 and moved to Fort Collins in 1963 when he joined the Department of Forest Management and Wood Science of Colorado State University. He taught courses on Wood Mechanics, Design of Wood Structures, and Bonding and Finishing of Wood Products both at the undergraduate and graduate level for 27 years. He had over 160 technical publications, including the senior authorship of the only textbook written in the past 40 years on the subject of "Mechanics of Wood and Wood Composites". He conducted numerous research projects on the engineering properties of wood products. He was well known internationally for his pioneering work on the design properties of wood structures. Dr. Bodig received numerous awards for his work in wood science, including an honorary doctoral degree from the University of Forestry and Timber Engineering of Hungary, and the Wood Engineering Lifetime Achievement Award from the Forest Products Society in 2004. At the time of his death he was Emeritus Professor of Wood Science and Civil Engineering at Colorado State University.

In 1982 he co-founded Engineering Data Management Inc. a consulting firm (currently EDM International). He retired from CSU in 1989 and managed EDM International until his second retirement in 1999. He was consultant to several hundred wood product manufacturing, construction, and engineering firms. He continued his research and consulting work on utility line structures well into his retirement.

Dr. Bodig was active in the Fort Collins soccer program. He coached the CSU men's soccer team for nearly twenty years. He was instrumental in helping to establish the Fort Collins Soccer Club and the city's high school soccer program at the time when soccer was in its infancy in Fort Collins. He was also a certified Soccer referee. He was active in his catholic religion; he was a founding member of Blessed John XXIII University Center and Saint Elizabeth Seton Parish. He served in various functions of the Wild Goose Ranch Homeowners Association and served as its president on two occasions. His favorite pastimes included gardening, hiking, fishing and woodworking.

Jozsef is survived by his wife Verna; his daughter Ilona (Gary) Green; sons Marcus (Justine) of Fort Collins, and Peter of Durango; grandchildren Joshua, Ashley, Hannah, Ayla, and Jacob. He is also survived by his younger brother, Matyas Bodig, and other family members in Hungary.

Memorial donations may be made to the Fort Collins Soccer Club or Hospice of Larimer County.

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2008 National Research Needs Assessment in Wood Science and Technology Workshop

When June 25, 2008, immediately following the Forest Products Society Annual Meeting

Where St. Louis, MO, USA

Why To develop a unified and prioritized agenda for wood science and technology research needs and opportunities among industry, universities, and government agencies. A similar workshop will be conducted by the American Society of Civil Engineers in May at its 2008 World Structures Congress, Vancouver, BC, Canada. Information from both workshops will be assimilated into a cohesive research needs assessment.

Background: The primary motivation for the National Research Needs Assessment is to create a unified vision of research needs in wood science and technology (WS&T). This activity has been previously conducted under the auspices of a variety of organizations, especially [NAPFSC](#) and then [NAUFRP](#), but has languished in recent years. To counter that loss, [ASCE](#) members decided to conduct a working conference related to wood engineering issues, but a broader effort is needed for all disciplines in wood science and technology. Therefore, this NRNA committee will conduct a similar working conference and then merge its outcomes with ASCE generated outcomes. For further information, watch the SWST website at www.swst.org/nrna.html .

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Processing in the 21st Century
A Technical Session at the
2008 SWST Annual Meeting,
University of Bio-Bio, Concepcion,
CHILE
Nov 10-12, 2008

CALL FOR PAPERS in ***“Processing in the 21st Century”***

The *Society of Wood Science and Technology* will hold its Annual Meeting in **Concepcion, CHILE** together with our co-hosts the University of Bio Bio and IUFRO Division 5 - Forest Products. This 3-day meeting will be held November 10-12, 2008 and will include four technical sessions on **Global Trade, Wood Quality in the 21st Century, Advanced Processing of Timber in the 21st Century, and Timber Engineering**. The 4th International Meeting on Forestry, Wood Products and Pulp and Paper will also be held November 11-15, 2008 in Concepcion, Chile. We invite submissions of ABSTRACTS (see attached form) in processing fields such as :

- Forest harvesting, yarding and field processing
- Primary processing (sawing, kiln-drying, grading (visual, MSR, Optical, other))
- Secondary processing of lumber and panels into Consumer/User products
- Composite processing (non-structural/user products)
- Engineered Composite processing (structural products)
- Wood-polymer composites
- Wood processing simulation,
- Modeling wood drying processes
- Modeling composite processes
- Paper and advanced paper products
- Future Nano-reinforced composites
- Enhancing Durability
- Other Processing-related technologies

We will select 8-9 Abstracts covering a diverse range of processing topics for oral presentations at this 3-hour session. Abstracts not selected for Oral presentation will be accepted as Posters. All Oral and Poster presentations will require a 4-8 page technical paper (due Sept 10, 2008) to be published by SWST in a Proceedings (CD) given to all Annual Meeting attendees, and then electronically published via the internet on the SWST webpage at www.swst.org.

For further information on the session "*Processing in the 21st Century*" at the SWST 2008

Annual Meeting in Concepcion CHILE, please contact: Jerry Winandy (jwinandy@wisc.edu) or Cecilia Bustos (cbustos@ubiobio.cl).

For further information on SWST 2008 Annual Meeting in Concepcion CHILE, visit <http://www.swst.org/annualMeeting.htm> or contact Vicki Herian (vicki@swst.org).

Model for an Abstract

Abstract for Presentations at the SWST Annual Meeting at University of Bio-Bio in Concepcion, CHILE November 10-12, 2008

Cecilia A. BUSTO and Jerrold E. WINANDY

An Abstract is required for all poster and oral presentations. Your Abstract will include the title, authors' names (capitalized surname), body of text, key words and authors contact details (if authors are from more than one organisation, contact details for these can be included also). Using a standard industry word processor (eg Microsoft Word or WordPerfect7.0 - previous versions are accepted), type your document then store it as a text or ASCII file. Email your Abstract as an attachment to both Prof. Cecilia Busto and Jerrold Winandy with the email title "SWST Processing Session Abstract". This "*Model for an Abstract*" serves to indicate how you should organise your Abstract. The page layout has 2 cm margins on all four sides, is single-spaced and uses Times New Roman typeface with a 12-point pitch. The text is left justified only, and has no tabs, tables, figures, pictures or references. Please do not divide words or right justify the text. The body of the Abstract should be between 1400 to 2100 characters, including the spaces between the words. The Abstracts should be less than 1 page, including affiliations. Multiple addresses are used if there is more than one organisation - not just the senior author.

If e-mail submission is not possible, please post/courier your Abstract on diskette, together with a high quality printout to Jerrold Winandy. On the diskette label include your name, IUFRO research unit, type of computer and software used, version of software and the file name.

Use a laser printer or high quality inkjet printer and normal good quality paper for the printout. Your text will be reproduced from the diskette, but the printout is critical to allow the editor to resolve any discrepancies. The Title should appear in bold, in lower case, with each noun starting with a capital. The major authors contact details shown follow the body of the abstract. Affiliations of the other authors can be given if necessary.

Key words

Indicate 3 to 5 key words.

Prof. Cecilia Bustos Avila, Ph.D Jefe de Carrera ICIF Depto. Ing. en Maderas Universidad del Bío-Bío Av. Collao 1202, casilla 5-C, Concepción, CHILE Teléfono: (56-41) 731687 or (53-41)731067 fax: (56-41)731027 Email: cbustos@ubiobio.cl	Jerrold E. Winandy, Ph.D USDA Forest Service, Forest Products Laboratory One Gifford Pinchot Drive Madison, WI 53726-2398 USA Tel +01-608-231-9316 Fax +01- 608-231-9582 Email: jwinandy@wisc.edu
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[<Back>](#)**First Notice and Call for Papers - OSB World Symposium**

The Structural Board Association presents the 2008 OSB World Symposium and Exhibition IV April 28-30, 2008, Marriott Rivercenter Hotel, San Antonio, Texas

Anyone with an interest in Oriented Strand Board and the OSB industry is welcome to attend this event hosted by the Structural Board Association and all its members. Due to the large success of the previous events, the primary objective of the Symposium is once again to be the gathering place for the OSB industry worldwide for the exchange of information about OSB technical and marketing research activities and intelligence. This includes the following suggested topics of interest:

- Structural panel markets;
- Housing activity and demographics;
- Economics and other factors affecting the industry;
- New markets, products or end uses;
- Technological advancements and breakthroughs;
- Fiber supply issues;
- Safety initiatives;
- Environmental compliance;
- Quality initiatives;
- Codes and standards review;
- Production optimization and product improvements;
- Resin technology improvements;
- Latest worldwide R&D activities

Call for Papers:

Individuals or companies who are interested in giving a formal presentation should contact the SBA or submit a brief abstract as soon as possible, but not later than December 29, 2007 (see

form below). Abstracts will be used to prepare a preliminary program. Authors will also be asked to submit a copy of their presentation well in advance of the Symposium for inclusion in the hardcopy proceedings. The Symposium will run for two full days, and be set up in four separate sessions. Notification of acceptance will be made by January 21, 2008. Space is limited, so please act quickly.

Suppliers Solutions Fair:

A “suppliers solutions” mini fair will also be organized in conjunction with the Symposium. This event is co-sponsored by the Associate Members Committee of the SBA. Preferential rights and pricing for exhibition space will be given to current Associate Members (see form below).

Additional details regarding the venue and registration will be made available in due course.

Please forward this notice to colleagues or anyone else who may have an interest in this upcoming event. 2008 OSB World Symposium and Exhibition IV

Notice of Intent to Participate:

Please return to the SBA, either by e-mail to janssens@osbguide.com or by fax (1-905-475-1101). Early notification will greatly help us with the proper planning of the event

A. Abstract for Presentations:

Presentation Title:

Author(s), and Affiliation:

Abstract text (maximum 100 words):

Contact details of presenter (name(s), address, phone, fax, e-mail)

B. Exhibitors Form:

Company name:

Products to be exhibited:

Contact details of representative (name, address, phone, fax, e-mail):

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Wood Composites Symposium in Seattle

The 42nd International Wood Composites Symposium and Technical Workshop will be held March 31-April 2, 2008 at the Red Lion Hotel on Fifth Avenue in Seattle, Washington.

Organized by WSU's Wood Materials and Engineering Laboratory, the Symposium is an industry-driven forum presenting panel market dynamics as well as the latest advances and developments in wood composites technology. A one-day Technical Workshop on "Manufacturing technology advancements that create value" will take place on Monday, March 31, before the Symposium.

This year's Keynote Speaker is Kelly Shotbolt, President and CEO of Flakeboard Co., Ltd. Mr. Shotbolt has successfully driven the rapid growth of Flakeboard through strategic acquisitions of several composite plants, and has led the company's transition from a commodity producer of raw panels to a specialty manufacturer of decorative panels. Mr. Shotbolt will share his perspectives on growing a business to become the largest North American producer of particleboard and MDF.

Please visit the Symposium web site at www.woodsymposium.wsu.edu for program information, to register online, or to submit abstracts for the Technical Forum poster session.

For more information, please contact Vik Yadama, Symposium Co-chair, at vyadama@wsu.edu or 509-335-2262.

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Third European Conference on Wood Modification

Please register early for the Third European Conference on Wood Modification (ECWM3) taking place in The Angel Hotel, Cardiff, UK, on the 15 and 16 October 2007. For a full listing of the presentations please visit our website <http://www.ecwm3.com>

ECWM3 is a fantastic opportunity to come and hear the latest research and development in wood modification from science and industry. Please note we are offering a reduced rate for attending our partner conference the International Panel Products Symposium on the 17, 18 and 19 October.

The Gala Dinner for ECWM3 will be held in the Millennium Stadium. But please note that you need to have registered for ECWM3 before the 21 September to be assured of a meal at the Gala Dinner.

With kindest regards

Ceri Loxton
Conference Organiser for ECWM3 and IPPS.

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Durability of Wood-Framed Housing

The program and registration information for the Durability of Wood-Framed Housing...Lessons Learned from Natural Disasters conference is available online. For further conference information, click on the picture below or visit the Forest Products Society at <http://www.forestprod.org/durability07bro.pdf>.

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IUFRO Conference

We are pleased to announce that the final programme for the IUFRO Congress is now finalized. Please find a copy attached. You can also access the programme on the website (put the link). Should you have any questions, please contact Kerry de Lange (Kerryd@turnergroup.co.za)

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Call for Papers- FPS Meeting

Also a Call for Posters - <http://www.forestprod.org/ic08posterform.html>
FPS 62nd International Convention, Hyatt Regency St. Louis at Union Station St. Louis,
Missouri, USA June 22-24, 2008

Several FPS Technical Interest Groups are issuing a Call for Papers for Sunday, June 22, Monday, June 23, and Tuesday, June 24. All formal presentations will be 20 minutes, including time for Q/A. Individuals who are interested in giving a formal presentation at the FPS 62nd International Convention, must submit a request form as soon as possible, but no later than November 15, 2007.

To submit a request for a formal presentation, please visit
<http://www.forestprod.org/ic08callforpapers.html>.

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International Symposium on Veneer Processing and Products

We are very pleased to announce the program for the 3rd International Symposium on Veneer Processing and Products (ISVPP), to be held in Shanghai, China, October 23-25. This Symposium is organized following the success of the 1st ISVPP in France and 2nd ISVPP in Canada. Please find the attached pdf file containing the detailed agenda of the event. For updates, visit the Symposium website: <http://isvpp.njfu.edu.cn/>.

Thank you for your attention. We look forward to seeing you in Shanghai !

Dr. Xiaoyan Zhou
isvpp3@yahoo.com.cn
Nanjing Forestry University, China

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Northeast Forest Bioproducts Puzzle

The Northeast Forest Bioproducts Puzzle October 18-19, 2007 Ramada Inn Bangor, Maine, USA
The Forest Products Society - Northeast Section and the University of Maine's National Science Foundation Funded Forest Bioproducts Research Initiative are sponsoring a conference to stimulate discussion on a strategic direction for the Forest Bioproducts Industry in the northeast region over the next 5 - 10 years.

The event will feature a series of speakers who will address strengths, weaknesses, opportunities and threats (SWOT) of a bioproducts industry in the northeast as they relate to: Production

Capacity, Forest Resource, Public Policy, and Economic Development. For the agenda and registration information, please visit the Forest Products Society at <http://www.forestprod.org/nesection07meeting.pdf>.

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IUFRO D5.14 Education & SWST1 Joint Session
Education and the Professional Future of 21st Century Wood Science

Session: Coordinators: Rupert Wimmer & Jerrold Winandy

Session Moderator: Paul Winistorfer

1. Resch, Helmut: "Philosophy on Wood Science and Technology - with a European accent".
 2. Mohd. Hamami, S., Z. Ashaari, A.N.A.Ghani, and P. M.Tahir: "Wood science and technology: A curriculum addressing future challenges in Malaysian wood-based industry"
 3. Teischinger, A. and Wimmer, R.: "Forest products education and training in Austria"
 4. Barnes, H.M.: "A Historical Assessment of Wood Science & Technology Education in the United States"
 5. Wang, Ya-Nan, Tseng, Yu-San, Chen, Chung-Ming, Lin, Li-Chen Lin, Far-Ching: "The Extension Education of Forest Products in The Experimental Forest of National Taiwan University"
 6. Thomen, H. "Trends Wood Technology Education Programs in Germany: How can tradition meet the Future?"
 7. Winistorfer, P.: Session Summary and Closing Remarks.
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Affiliated SWST-D.14 Education POSTER

- a) Herian, V.: SWST: Bridging academia, industry and government
- b) Babiak, M. & Cunderlik, I.: Wood science education reform in Slovakia
- c) Hsieh, J.S., Lee, W.C., Lee, L.Y.: Outlook on forest products vocational education in Taiwan—Honeybee cultivation and the manufacture of related products
- d) Michaël RIVOIRE: Raising interest for forest products among students
- e) Ahmet KURTOGLU, Ercan TANRITANIR and Seda ERDINLER : Turkish Forest Products Industry and Forest Products Engineering Education

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Wood Plastic Composites Conference

AMI is organizing its 6th international Wood Plastic Composites conference. It will be held at the Renaissance Hotel in Vienna from 14-16 October 2008. This event will follow on from the success of previous Wood - Plastic Composites events that typically attracted over 200 companies from retailers, profile makers, equipment suppliers, materials and technology providers from 30 countries.

Call for Papers - The deadline for submitting a short abstract, title and speaker details is 15th October 2007. I am looking for papers on topics such as:

- Construction trends
- Channel/Access to market issues
- Case studies
- Market feedback to WPC
- Sources of finance
- Material handling advances
- Enhancements (mechanical, chemical), such as weathering, fungus resistance, foaming
- Novel processing technology
- Material developments (resin, wood, additives)
- Case studies of WPC selection and installation technology
- Architectural design - trends & outlook
- Decorative effects and finishing technology
- Standards, regulations & testing

Speakers have a 25 minute slot including 5 minutes for questions.

Promotional Opportunities - There are a limited number of tabletop exhibition spaces available and tailored sponsorship packages. Early registration and group discounts are available. Please contact me for further information on ml@amiplastics.com or +44 (0) 117 924 9442. Further information about this and other AMI conferences can be found on the web site at www.amiconferences.com

If you would like to suggest a topic or a speaker for this conference, please send me a short summary before the deadline of 15th October 2007. Please do not hesitate to contact me if you need any further assistance.

Maud Lassara
Senior Conference Organiser
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Web site: www.amiplastics.com

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\$12 Million Gift to UMaine School of Forest Resources

ORONO, Me. – The largest donation in University of Maine history, a \$12 million bequest from 1937 UMaine graduate George L. Houston, was announced September 25.

UMaine will use the money to establish the George L. Houston Scholarship Fund, an endowment that will support scholarships for undergraduate and graduate students in UMaine's highly-regarded School of Forest Resources.

Houston died earlier this year at the age of 91. He made the bequest to the University of Maine Foundation.

"Imagine the lives this gift will change, and imagine the long-term impact on our state and on the world around us," Kennedy said.

Born in Bangor and raised in Brewer, Houston was a UMaine football player and a member of Alpha Gamma Rho Fraternity and the Xi Sigma Pi honor society. He worked for many years as an executive with the New York State Electric and Gas Company, and he developed an engineering and surveying consulting business after retiring from that company. In 1995, he donated his 217-acre family farm in Hudson to UMaine through the university's Green Endowment Program.

Kennedy pointed out that the bequest represents a "significant milestone" in Campaign Maine, UMaine's current six-year, \$150 million private fundraising campaign. The creation of scholarship endowments is a campaign priority.

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PhD at Lakehead

Department of Chemical Engineering/Faculty of Forestry & the Forest Environment, Lakehead University, Thunder Bay, Ontario, Canada

Start Date: January 2008 **Duration:** 3-years

Description: A highly motivated PhD candidate is sought to investigate catalytic liquefaction of lignocellulosic materials and to produce phenolic resins and adhesives from the resulting liquefaction products. The main focus will be thermo-chemical conversion of forestry/agriculture residues into phenolic compounds and resinifying the liquefaction products to produce synthetic adhesives, as well as testing the viscosity and bond strength of the obtained adhesives. Candidates should have a BSc and MSc in the general area of chemical engineering, chemistry, biochemistry, biotechnology or wood science, with a concentration on biomass thermo-chemical conversion, production of bio-fuels or bio-based chemicals from lignocellulosic materials or polymer/resin technology. Extensive working experience with analytical techniques (GC/MS, HPLC, XRD, FTIR, etc.) is expected.

Salary: CDN \$19,000/year - \$25,000/year.

Applications with curriculum vitae, a brief description of research interests and contact details for three academic references should be sent to Dr. Charles Xu (cxu@lakeheadu.ca), or Dr. Mathew Leitch (Mathew.leitch@lakeheadu.ca)

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Postdoctoral Research Associate in Cellulose Nanocomposites

The Advanced Engineered Wood Composite (AEWC) Center (www.aewc.umaine.edu) and the Forest Bio-products Research Initiative (FBRI) www.forestbioproducts.umaine.edu/FBRInews.htm through a 50:50 joint appointment are seeking a Postdoctoral Research Associate in Cellulose Nanocomposites. The successful candidate will work with a team of researchers in the AEW and FBRI to develop the next generation of composite materials utilizing nanocellulose.

PURPOSE: Coordinate, manage, and conduct cellulose nanocomposite research to serve the needs of AEW/FBRI researchers.

ESSENTIAL DUTIES/RESPONSIBILITIES: Conduct scientific research into 1) microfibrillated cellulose nano composite polymeric matrix materials including cellulose nanofiber reinforced thermoplastics for ballistic applications, and 2) other nano cellulose materials developed as part of the FBRI while working in an integrated fashion with faculty and staff personnel at the AEW Center and FBRI. Attract industrial and Federal contract and grant work by actively pursuing RFPs and drafting written proposals to meet needs. Involve AEW and FBRI personnel/faculty as necessary in proposal writing process related to cellulose nanocomposites, and to obtain funding in support of research activities. Supervise Undergraduate and Graduate Research Associates to ensure validity and accuracy of nano composite manufacturing and testing. Research and recommend purchase for equipment, materials and supplies for use in all cellulose nano composites research projects. Represent AEW Center and FBRI at national technical meetings. Engage clientele in commercialization of developed nanocomposite technologies. Perform other reasonably related duties as assigned.

KNOWLEDGE AND SKILL QUALIFICATIONS: Ph.D. in Chemistry, Polymer, Wood, Materials Science or related Engineering discipline required. Polymer processing/composite materials experience required. Hands-on experience with cellulose nano fiber production, modification and nanocomposite processing required. Experience with material property testing and analysis required. Demonstrated excellent organizational, written and oral communication skills. Demonstrated judgment while working under pressure to meet constant deadlines. Ability to work independently as well as in a team environment. Applicants must be eligible to accept employment in the United States at the time the appointment is made.

SUPERVISORY RESPONSIBILITIES: Undergraduate Research Assistants, Graduate Research Assistant, and Interns

SALARY: The salary range for this position is \$40,000 - \$50,000 depending upon qualifications.

Review of applications will begin October 15, 2007. Send a cover letter, resume with names, addresses and phone numbers of three references to Doreen Boutin, 5793 AEWB Bldg., University of Maine, Orono, ME 04469 or to doreen.boutin@umit.maine.edu

The University of Maine is an Equal Opportunity/Affirmative Action Employer and encourages members of under-represented groups to apply.

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Director of the Georgia Forestry Commission

The Georgia Forestry Commission is seeking applications and nominations for the position of Director of the Georgia Forestry Commission. The Director is responsible for supervision of approximately 700 Commission personnel with an annual operating budget of more than \$50 million. In addition, the Director serves as administrative officer and executive secretary of the Commission and represents the Commission in other forestry related organizations.

The Georgia Forestry Commission traces its roots back to 1925 when the Georgia legislature created the Forestry Department to coordinate efforts to suppress wildfires. Since then the Commission has evolved to touch all aspects of Georgia's vast forest resources. The main office of the Commission is located in Macon, Georgia. The Commission operates 10 district offices and 129 county units spread across the state as well as an Urban Community Forestry Program, a Forest Products Marketing Program, and a Nursery. The mission of the Georgia Forestry Commission is to provide leadership, service, and education in the protection and conservation of Georgia's forest resources.

Candidates for this position should possess the following:

- 1). Demonstrated leadership and communication skills;
- 2). Ability to communicate and interact with individuals, industries, and governmental entities associated with natural resources;
- 3). Demonstrated experience with budgetary development and management;
- 4). Ability to develop and successfully promulgate a vision of leadership in establishing and maintaining a successful top level forestry organization.

Emphasis will be placed on identifying individuals who hold a Bachelor of Science degree in Forestry or who have significant experience in forest management. A degree in forestry is not required. Salary is commensurate with qualifications and experience. The application and nomination deadline is October 31, 2007 with interviews as soon as possible thereafter. Complete applications must include a resume with the names and addresses of at least three professional references. These materials should be sent to:

**GFC Search Committee
c/o Wesley Langdale
PO Box 1233**

Forsyth, GA 31029

For more information about the Georgia Forestry Commission visit: www.gatrees.org

The State of Georgia is an Equal Opportunity/Affirmative Action employer and does not discriminate on the basis of race, color, sex, religion, national origin, age, disability, or veteran status

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Wood Products Task Group Chair – Agenda 2020

The Agenda 2020 Chief Technology Officer's Committee is looking for a chair for the vacant Wood Products Task Group. There is a need for a dues paying member of AF&PA to serve as the Wood Products Task Group Chair. Affiliate members include SWST, FPS and the USDA Forest Service (FPL and Washington Office). A current activity for the Wood Products Task Group is the 2008 National Needs Assessment in Wood Science June 25, 2008 in St. Louis, MO.

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DIRECTOR, SCHOOL OF FOREST RESOURCES College of Agricultural Sciences The Pennsylvania State University

Position: The College of Agricultural Sciences at The Pennsylvania State University invites applications and nominations for the position of Director of the School of Forest Resources. This is a twelve-month academic and administrative appointment.

About Us: The School of Forest Resources offers a wide range of degree programs to a current enrollment of nearly 400 undergraduate and 100 graduate students. Baccalaureate programs exist in Forest Science, Wildlife and Fisheries Science, and Wood Products; graduate programs at the M.S., M.F.R., and Ph.D. level are offered in Forest Resources and Wildlife and Fisheries Science; and associate degrees in Forest and Wildlife Technology are offered at Penn State's Mont Alto and DuBois campus locations. In addition, faculty members in the School advise graduate students in several intercollege degree programs including Materials Science, Operations Research, Plant Biology, and Ecology. The School of Forest Resources community includes over 70 teaching, research, extension, and support staff. The School hosts USGS Cooperative Fish and Wildlife Research and National Park Service units and maintains close relations with the USFS. The School is situated in a new 95,000-sq.ft. LEED-certified building and manages over 8,000 acres of forest land.

Responsibilities:

- Foster excellence in teaching, research, and extension
- Serve as an advocate/liaison for the School to other departments, college and university administration, governmental agencies and nongovernment organizations, alumni, and industry

- Provide administrative oversight and leadership regarding human resources, fiscal matters and physical facilities
- Support College development programs and lead development on behalf of the School

Qualifications:

Candidates must possess a Ph.D. degree in a relevant academic discipline, and have a strong record of professional and scholarly achievements which would qualify for Penn State's tenure requirements at the rank of Professor. The following attributes are also highly desirable:

- A demonstrated ability for highly effective administrative leadership and management applicable to a multidisciplinary, multifunction school
- Significant understanding and appreciation of the evolving mission of the land-grant university system
- Outstanding organizational, communication and interpersonal skills
- Proficiency in program administration, personnel management, and fiscal management
- Experience in fostering collaboration within a University setting and with external stakeholders

Application: Nominations are invited. Consideration of applications will begin November 16, 2007, and will continue until a suitable candidate is selected. Complete application packages will include both paper and electronic versions of 1) a letter of application, 2) a curriculum vitae, 3) a statement of leadership philosophy and vision, and 4) contact information for five individuals who can be contacted as references.

Send Applications and Nominations to: Dr. Paul M. Smith, Chair
Director Search Committee
School of Forest Resources
The Pennsylvania State University
210 Forest Resources Building
University Park, Pennsylvania 16802
Phone: 814-865-8841
e-mail: pms6@psu.edu

To learn more about the School of Forest Resources at Penn State, please visit our website at: <http://www.sfr.cas.psu.edu>

**Penn State is committed to affirmative action, equal opportunity,
and the diversity of its workforce.**

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Notes from Fall SWST Board Meeting

The 2008 fall SWST board meeting was held September 29 at the Advanced Engineered Wood

Composites Center at the University of Maine. A few notes from the meeting:

- Motions were passed to grant accreditation to the the new BS in Forestry, Forest Products option at Mississippi State and to the University of Minnesota's Biobased Products Management and Marketing Program.
- Plans were discussed for increasing international membership in the Society.
- It was noted that some people have taken advantage of the Visiting Scientist Program but that there is opportunity for more participants.
- A motion was passed to have SWST participated in the web-based review system called Editorial Manager Service.
- There has been good progress in planning for the 2008 Annual Meeting in Chile. Session themes have been organized and potential speakers identified. A call for papers is included in this newsletter.

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Wood and Fiber Science Editor's Report

September 2007

Manuscript status

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Under revision: 18

Under review: 18

Rejected: 7

Withdrawn: 3

The following page charges are still due: 36(1) Chonbuk National University \$1080; 37(3) Institut fur Werkstoff im Bauwesen \$1660; 37(4) Paprican \$1902; 38(2) Graef, Anhalt & Schloemer & Assoc \$413; 38(4) USDA FS Southern Station \$1203; 39(2) Metla Finland \$1650, Penn State Univ \$1002 and \$1026, Univ of Georgia \$1212; 39(3) USDA FS \$1212.

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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 Adam Taylor, at: AdamTaylor@utk.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. Tel: (608) 231-9347 Fax: (608) 231-9592 E-mail: yherian@fs.fed.us
Web site: <http://www.swst.org>

Society of Wood Science and Technology

President: James P. Armstrong

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Wood and Fiber Science

Editor: Frank Beall
 Associate Editor: Geza Ifju
 Editorial Assistant: Carol B. Ovens

SWST Newsletter Editor Adam Taylor

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EXECUTIVE DIRECTOR'S REPORT
 September 29, 2007
 Bangor, Maine

Current Members as of October 1, 2007

Full members	296
Student members	78
Retired members	45
Affiliate Member	<u>4</u>
TOTAL	424

USA members	326
Canada members	50
Mexico members	3
Overseas members	45

Members as of November 1, 2006

Full Members	292
Student members	65
Retired members	46
Affiliate Member	<u>4</u>
	408

Subscribers as of October 1, 2007

Subscribers	207
USA	91
Canada	14
Mexico	0
Overseas	102

Subscribers as of November 1, 2006

Subscribers	223
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Delinquent Members

Delinquent members as of 10/1/07 for 2007 dues – 44 total (23 full, 20 student, 1 retired)
 Delinquent subscribers for 2007 as of 10/1/07 – 40 total (16 US, 24 foreign)
 Compared to delinquent members as of 11/1/06 for 2006 dues – 53 total (29 full, 22 student, 2 retired)
 Compared to delinquent subscribers for 2006 as of 11/1/06- 32 total (10 US, 22 foreign)

Vanguard Accounts

The Vanguard accounts were opened on February 3, 1998. The balance is \$120,362.13 on September 30, 2007. The Student poster current balance (as of 9/30/07) is \$18,167.28.

Checking Account

The balance in the checking account as of October 1, 2007 is \$24,481.00. The balance in the CD's is \$54,405.14 and the balance in Savings is \$74,220.16.

Respectfully Submitted,
VICTORIA L. HERIAN
Executive Director

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2005-2006

LIST OF POTENTIAL SWST VISITING SCIENTISTS

ANDERSON, MATTHEW., 3700 RT. 44, Suite 102, Millbrook, NY 12545 (845-677-3091)
(FAX: 845-677-6547) email: m.anderson@verizon.net

Specialty: Wood science consulting and applied research.

Will Discuss Formally and Informally: Assessment of wood frame buildings (destructive and nondestructive); Evaluations of marine and foundation pilings; Investigation of construction related deficiencies; Microbiological evaluations (wood fungi, mold, bacteria).

ARMSTRONG, JAMES P., Associate Professor, West Virginia University, P.O. Box 6125,
Morgantown, WV 26506-6125 (304-293-2941, ext. 2486) (FAX: 304-293-2441)
email: jarmstro@wvu.edu

Specialty: Wood anatomy and physical properties; Contemporary issues in forest resources and the wood products industry.

Will Discuss Formally: Various topics related to forest resources in U.S. history (see: <http://www.wdsc.caf.wvu.edu/otherwebs/WDSC%20100.pdf>); Eco-terrorism--Its causes and impacts.

Will Discuss Informally: Any of the above; Education in WS&F; The enrollment problem in WS&T.

BABIÁK, MARIAN, Professor, Dr.h.c. RNDr. PhD, Technical University in Zvolen, T.G.Masaryka 24, 96053
Zvolen, Slovak republic (+421 45 5206 350) (Fax: +421 45 5330027)
email address babiak@vsld.tuzvo.sk

Specialty: Wood Structure and Properties

Will Discuss Formally: Wood Physics and Mechanics

Will Discuss Informally: Wood – Water Relations; Rheology of Wood; Transport Processes in Wood.

BARNES, H. MICHAEL, Professor, Forest Products Laboratory, Mississippi State University,
Box 9820, Mississippi State, MS 39762-9820 (662-325-3056) (FAX: 662-325-8126)
email: mbarnes@cfr.msstate.edu

Specialty: Wood deterioration and preservation.

Will Discuss Formally and Informally: Wood science education; wood preservation.

Will Discuss Informally: Same as above.

BOWYER, JIM L., Professor, Department of Bio-based Products, University of Minnesota, 2004 Folwell Avenue,
St. Paul, MN 55108 (612-624-4292) (FAX: 612-625-6286) email: jbowyer@umn.edu

Specialty: Environmental implications of biomaterials and bioenergy production and use.

Will Discuss Formally: Environmental aspects of forestry, timber harvest and wood use; The role of wood in the growing U.S. bio-energy industry; The Wood Science profession - Past, Present & Future; Environmental life cycle analysis; Life cycle inventory; Environmental education of children; The tropical deforestation problem.

Will Discuss Informally: Almost anything.

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BUSH, ROBERT, Professor, Dept. of Wood Science and Forest Products, Virginia Tech, Blacksburg, VA 20461-0323 (540-231-8834) (FAX 540-231-8176) email: rbush@vt.edu

Specialty: Forest products marketing and management

Will Discuss Formally: The marketing of forest products; Strategic planning and decision-making in wood-based industries; Forest products marketing research.

Will Discuss Informally: The above topics in addition to research to help improve student recruitment in Wood Science.

BRYANT, BEN S., Professor Emeritus, CEO of Appropriate Technology Briquettes, Inc. (ATBI). Seattle WA, (206-522-6273) email: atbi@comcast.net

Specialty: Wood science and physics.

Will Discuss Formally and Informally: Above specialty.

CHEN, ZHANGJING, 506 Alleghany Street, Blacksburg, VA 24060, (540-552-8592) email: cheng@vt.edu

Specialty: Wood drying.

Will Discuss Formally and Informally: Above specialty.

CHOW, POO, Professor of Wood Science, Department of Forestry, University of Illinois, W-503 Turner Hall, 1102 South Goodwin, Urbana, IL 61801 (217-333-6670) (FAX: 217-244-3219) email: p-chow@unic.edu

Specialty: Physical, mechanical and chemical properties of wood-based materials.

Will Discuss Formally: Hardwood composites; Durability of wood for structural uses.

Will Discuss Informally: Durability of wood-base materials; Utilization of non-wood plant fiber.

COOPER, PAUL, Professor, Forestry Department, University of Toronto, 33 Willcocks Street, Toronto, Ontario, CANADA M5S 3B3

email: p.cooper@utoronto.ca

Specialty: Wood deterioration and protection.

Will Discuss Formally: Interaction with chemicals with the wood cell wall; CCA and Copper amine fixation; Environmental impacts of treated wood over the full life cycle; Recycling/reuse of treated wood.

Will Discuss Informally: Collaborative research; Graduate student recruitment; Teaching methods.

CUTTER, BRUCE, Professor, University of Missouri, 203 A-BNR, Columbia, MO 65211 (573-882-2744) (FAX: 573-882-1977) email: cutterb@missouri.edu

Specialty: Tree growth, wood quality.

Will Discuss Formally: General tree growth; Wood quality; Agroforestry; Fuel loading in oak-hickory forests.

Will Discuss Informally: Eastern red cedar as a biogeochemical monitor; General tree growth; Wood quality; Behavior of wood in fire situations; fire behavior.

DeBONIS, A. L., President, Wood Advisory Services, Inc., P.O. Box 1322, Millbrook, NY 12545 (914-677-3091) (FAX: 914-677-6547)

Specialty: Wood engineering.

Will Discuss Formally and Informally: Design properties of lumber; Grading of structural lumber (visual and/or MSR); Reliability-based design; The role of consultants in the forest products field; Heavy timbers in residential and commercial construction; Hardwood structural lumber.

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ELDER, THOMAS, Research Forest Products Technologist, USDA-Forest Service, Southern Research Station, 2500, Shreveport Highway, Pineville, Louisiana, 71360 (318-473-7008) (Fax: 318-473-7246) email: telder@fs.fed.us

Specialty: Wood chemistry.

Will Discuss Formally: Atomic force microscopy of wood and fiber surfaces; time-domain NMR of wood; fiber modification.

Will Discuss Informally: Molecular modeling of the chemical constituents of wood.

FLYNN, KEVIN, University of California Forest Products Lab., 1301 South 46th Street, Richmond, CA 94804 (510-215-4242) (FAX: 510-215-4299) email: kevin.flynn@ucop.edu

Specialty: Wood performance; Problem analysis.

Will Discuss Formally: Durability; Degradation; Protection.

Will Discuss Informally: Any related issues.

FUNCK, JAMES W., Associate Professor, Oregon State University, Forest Products Department, 134 Richardson Hall, Corvallis, OR 97331-5751 (541-737-4207) (FAX: 541-737-3385) email: Jim.Funck@orst.edu

Specialty: Optical and dielectric scanning for surface defects and roughness; Process modeling and simulation (lumber and plywood); Process control.

Will Discuss Formally: Above listed specialties.

Will Discuss Informally: Above listed specialties; Education - graduate and undergraduate.

GARDNER, DOUGLAS J., University of Maine, Advanced Engineered Wood Composites Center, Department of Forest Management, 231 AEWC Building, Orono, ME 04469 (207-581-2846) (FAX: 207-581-2074) email: doug_gardner@umenfa.maine.edu

Specialty: Wood adhesion; Wood composites.

Will Discuss Formally: Wood adhesion; Wood surface chemistry; Wood/plastic Composites; Wood Science Education.

Will Discuss Informally: Anything.

LACHENBRUCH, BARBARA, Professor, Oregon State University, Dept. of Wood Science and Engineering, 118 Richardson Hall, Corvallis, OR 97331 (541-737-4213) (FAX: 541-737-3385) email: Barbara.Lachenbruch@oregonstate.edu

Specialty: Wood quality/silviculture interactions; Tree physiology.

Will Discuss Formally: Effects of tree biology on wood quality; Tree water relations and biomechanics as related to xylem structure.

Will Discuss Informally: Dual-career, women and family issues in grad school and academics.

GLASSER, WOLFGANG G., Professor of Wood Chemistry, Virginia Polytechnic Institute and State University, Department of Wood Science & Forest Products, 210 Cheatham Hall, Blacksburg, VA 24061 (540-231-4403) (FAX: 540-231-7664) email: wglasser@vt.edu

Specialty: Polymer and materials science aspects of forest products; Biobased materials from wood; Steam explosion.

Will Discuss Formally: Structure--property relationships of cellulose, xylan and lignin and their derivatives; Cellulosic thermoplastic polymers and composites; Lignin chemistry.

Will Discuss Informally: The Carbohydrate Economy: Technical, economic social .

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GREEN, DAVID W., Engineer, Forest Products Laboratory, One Gifford Pinchot Drive, Madison, WI 53726 (608-271-9261) (FAX: 608-231-9592) email: dwgreen@fs.fed.us

Specialty: Engineering properties of wood.

Will Discuss Formally: In-grade testing of lumber; Effect of moisture content on lumber properties; Engineering properties of wood research at the U.S. FPL; Structural properties of hardwoods.

Will Discuss Informally: Almost anything; The research environment -industry vs. university vs. government.

GUPTA, RAKESH., Oregon State University, Department of Wood Science & Engineering, 114 RH, Corvallis, OR 97331 (541-737-4223) (FAX: 541-737-3305)

email: rakesh.gupta@oregonstate.edu

Specialty: Wood engineering/Mechanics; Mechanical properties/behavior of wood.

Will Discuss Formally: Above listed specialties.

Will Discuss Informally: Above listed specialties.

HAMMETT, A.L., Associate Professor, Dept. of Wood Science & Forest Products, Virginia Polytechnic and State University, 210 Cheatham Hall, Blacksburg, VA 24061-0323

(540-231-2716) (FAX: 540-231-8176) email: himal@vt.edu

Specialty: Forest products marketing.

Will Discuss Formally: International issues related to forestry and forest products.

JELLISON, JODY, Professor of Biology, University of Maine, 313 Hitchner Hall, Orono, ME 04469 (207-581-2995) email: jellison@umit.maine.edu

Specialty: Biodegradation of wood; Fungal metabolism.

Will Discuss Formally: Biological degradation of wood.

Will Discuss Informally: Interdisciplinary studies.

KAMKE, FREDERICK A., JELD-WEN Professor of Wood-Based Composite Science, Dept. Wood Science and Engineering, Oregon State University, 104 Richardson Hall (541-737-8422)(FAX: 541-737-3385)

email: fred.kamke@oregonstate.edu

Specialty: Wood-based and composites.

Will Discuss Formally: Heat and mass transfer during hot-pressing; adhesive penetration and distribution.

Will Discuss Informally: Composite processing and performance.

KASAL, BO, Professor and Hankin Chair, Department of Civil and Environmental Engineering, Department of Architectural Engineering, Director of Research, Pennsylvania Housing Research Center, 219 Sackett Building, University Park, PA 16802 (814 865 2341) (Fax: 814 863 7304) email: buk13@psu.edu

Specialty: Residential construction; Wood engineering.

Will Discuss Formally: Residential structures in natural disasters; in-situ evaluation of historic wood buildings; performance of laminated wood frames in earthquakes.

KIM, MOON J., Department of Forest Products, Mississippi State University, Mississippi State, MS 39762-9820 (662-325-3109) (FAX: 662-325-8126)

email: mkim@cfr.msstate.edu

Specialty: Wood Adhesives; UF resins; PF resins, PRF resins.

Will Discuss Formally and Informally: Above specialty.

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KODZI Jr, EMMANUEL T., Ph.D. CANDIDATE, PURDUE UNIVERSITY, 175 MARSTELLAR ST., WEST LAFAYETTE, IN 47907 (765-496-6127) (Fax: 765-496-1344) email: ekodzi@purdue.edu

Specialty: MASS CUSTOMIZATION IN FURNITURE MANUFACTURING COMPANIES.

Will Discuss Formally: Linkages between Mass Customization and Competitiveness.

Will Discuss Informally: Critical Enablers of Mass Customization for Wooden Furniture Manufacturing Scenarios.

LITTLE, ROBERT L., Ph.D., R.F. Senior Project Manager, Weyerhaeuser Company. Wood Science and Engineering R&D Mail Stop: WTC 2B2 P.O. Box 9777 Federal Way, WA 98063-9777 Office: (253)924-4269 Mobile: (336)404-2132

Specialty: Drying of hardwood lumber.

Will Discuss Formally: Automated control of hardwood dry kilns, Control of corrosion in dry kiln buildings, General drying practices for hardwood lumber, and Kiln design considerations.

Will Discuss Informally: General wood technology.

LOFERSKI, JOSEPH R., Associate Professor, Virginia Polytechnic Institute and State University, Department of Wood Science and Forest Products, Brooks Forest Products Center, Blacksburg, VA 24061-0503 (540-231-4405) (FAX: 540-231-8868)

Specialty: Wood engineering, Design of wood structures, Long-term performance of buildings, Historic buildings

Will Discuss Formally or Informally: Preservation of historic wood structures; Long-term performance of wood structures; Building systems; Deterioration of wood building materials.

MATER, JEAN Dr., Vice President, Forest Products Marketing Division, Mater Engineering, 101 SW Western Blvd., Corvallis, OR 97333 (541-753-7335) (FAX 541-752-2952) email: Mater@mater.com

Specialty: Marketing forest industry policies; Forestry relations to public; Forest industry trends; Coordination of marketing and production; Forest industry and environment; Certification problems and opportunities.

Will Discuss Formally: All of the above.

Will Discuss Informally: Role of women in forest industry; Changing role of NIPFs.

McLAIN, THOMAS E., Professor and Department Head, Department of Wood Science & Engineering, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331-5751 (541-737-4224) ;

<http://woodscience.oregonstate.edu> (FAX: 541-737-3385) email: Thomas.McLain@oregonstate.edu

Specialty: Role of wood in a global economy; SWST Accreditation Standards; strategic planning for forest products/wood science programs; academic, extension and research program administration challenges.

Will Discuss Formally: Recruiting students into WST programs; Introductory courses in FP/WST; SWST Accreditation Standards; The changing roles of wood in modern society; Integrating extension into a research and teaching program; Pacific Northwest forest conflicts.

Will Discuss Informally: Above topics and most anything else.

MORRELL, JEFFREY J., Professor, Department of Forest Products, 230 Richardson Hall, Oregon State University, Corvallis, OR 97331-5751 (541-7737-4222) (FAX: 541-737-3385) email: Jeff.Morrell@oregonstate.edu

Specialty: Wood microbiology; Biodeterioration; Preservation.

Will Discuss Formally: Remedial control of decay in wood structures; Proper use of wood in adverse environments; OSU's cooperative pole research program.

Will Discuss Informally: Biodeterioration and biological interactions; Treatability of refractory wood species.

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NO, BYUNG YOUNG, PhD, Resin Chemist, Hexion Specialty Chemicals, Inc. R&D lab, 610 south 2nd street, Springfield, OR 97477 (541-741-6663) (Fax: 541-747-3868) email: Byung.YoungNo@hexionchem.com

Specialty: UF and MUF resins for wood-based composite.

Will Discuss Formally: Hydrolysis resistant UF and MUF resins for particleboard and medium-density fiberboard.

Will Discuss Informally: UF and MUF resins for wood-based composites.

O'HALLORAN, MICHAEL R., President, Western Wood Products Association, 522 SW 5th Street, Suite 500, Portland, OR 97204-2122 (503-224-3930) email: mohalloran@wwpa.org

Specialty: Wood engineering, mechanics, wood structures, codes, standards, research management.

Will Discuss Formally: Structural panel industry (Plywood, OSB, waferboard) status, markets, uses, standards, engineering design, LRFD design; Glued laminated timber; Structural composite lumber.

Will Discuss Informally: Trade associations; Structural panel topics; International markets; above topics.

PATTERSON, DAVID W., Research Professor, Forest Products Utilization, Arkansas Forest Resources Center, P.O. Box 3468, Monticello, AR 71656 (870-460-1652)

(FAX 870-460-1092) email: pattersond@uamont.edu

Specialty: Tree weights, Bulk Density, Small Log Utilization

Will Discuss Formally: Bulk Density Studies, Weight Scaling Factors, Inside Out Beams, Open Web Beams, Tree Growth and Wood Quality

Will Discuss Informally: Trip to Russia, 3 Trips to Guinea in West Africa, Old War Stories

RICE, WILLIAM W., Professor of Wood Science and Technology (retired), 137 Pine Street, Amherst, MA 01002 (413-549-0795) (FAX: 413-549-8010) email: wrice@forwild.umass.edu

Specialty: Wood drying; Wood machining.

Will Discuss Formally: Quality control - log to rough mill; Predriers, kiln equipment and operation.

Will Discuss Informally: Wood technology program; Extension activities; New England Kiln Drying Association.

ROSS, ROBERT J., Supervisory Research Engineer, Forest Products Laboratory, One Gifford Pinchot Drive, Madison, WI 53726 (608-231-9221) (FAX: 608-231-9592) email: rjross@fs.fed.us

Specialty: Wood engineering, nondestructive testing, structural composite

Will Discuss Formally: Nondestructive testing; Structural composites; Wood engineering.

Will Discuss Informally: Vitality of SWST and wood engineering; Educating wood engineers for the industry.

SHALER, STEPHEN, Professor, University of Maine, 5755 Nutting Hall, Orono, ME 04469-5755 (207-581-2886) (FAX: 207-581-2875) email: Steve.Shaler@umit.maine.edu

Specialty: Wood mechanics and composites.

Will Discuss Formally: Wood fiber properties; Computer and imaging applications; Experimental mechanics.

Will Discuss Informally: Hybrid wood composites.

SHI, SHELDON QIANG, Assistant Professor, Box 9820, Mississippi State, MS 39762-9820 (662-325-3110) (FAX: 662-325-8126) email: sshi@cfr.msstate.edu

Specialty: Wood (Wood-plastics) composites, wood adhesion, moisture related properties of wood and wood composites.

Will Discuss Formally: Recycling of polymer fluff in wood composites; Contact angle determination of particles.

Will Discuss Informally: Moisture related properties of wood composites; Student recruitment issue.

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SMITH, BOB, Associate Professor/Extension Specialist, Virginia Tech, 1650 Ramble Road,

Mailcode 0503, Blacksburg, VA 24061 (540-231-5876) (FAX 540-231-8868) email: rsmith4@vt.edu

Specialty: Forest products marketing; Professional sales in the forest products industry; Markets for wood in the U.S. infrastructure; Markets and perceptions of timber by engineers.

Will Discuss Formally: Marketing forest production; Perceptions of wood in the U.S. infrastructure; Educational needs in the forest products industry.

Will Discuss Informally: Timber bridges; Wood science and forest products at VPI; The Center for Forest Products Marketing and Management.

SMITH, W. RAMSAY, Global Research Manager, Arch Wood Protection, Inc., 3941 Bonsal Road, Conley, GA 30288 (404-362-3970) (FAX: 404-363-8585) email: wsmith@archchemicals.com

Specialty: International trade in forest products; Hardwood exports; Wood quality influences on product acceptance in foreign markets.

Will Discuss Informally: Graduate programs in wood science and in international trade; Views of the future of the forest products industry; other topics as desired.

SMULSKI, STEPHEN, Ph.D., President, Wood Science Specialists, Inc., 453 Wendell Rd., Shutesbury, MA 01072 (413-259-1661) (FAX: 413-259-1610) email: woodsci@crocker.com

Specialty: In-service performance of wood and wood-base products in residential, commercial and industrial construction; Preventing degradation of wood in service.

Will Discuss Formally: Moisture problems and durability of wood-frame houses; Forensic application of wood science and technology

Will Discuss Informally: Consulting opportunities in wood science and technology; Career opportunities in wood science and technology.

TANG, R. C., Professor, School of Forestry, Auburn University, Auburn, AL 36849-5418 (334-844-1088) (FAX: 334-844-4221) email: tang@forestry.auburn.edu

Specialty: Mechanics and physics of wood and wood composites.

Will Discuss Formally: Long-term performance of wood composite structures; Creep models of wood composites under various environmental conditions; Elastic behavior of wood fibers; Dimensional stability and engineering reliability of wood composite structures; Duration of load behavior of lumber under changing environments; Effect of flake-cutting pattern and resin content on the mechanical and physical properties of flakeboard.

Will Discuss Informally: Undergraduate and graduate programs in forest products and wood science at Auburn; Mathematical models and simulation in forest and wood science.

TEKLEYOHANNES, Anteneh Tesfaye, University of British Columbia, Dept. of Wood Science, 2424 Main Mall, Vancouver, BC, CANADA V6T 1Z4 (604-822-8203) (FAX: 604-822-9195) email: anteneht@interchange.ubc.ca

Specialty: Wood products engineering--basic wood processing, Sawmilling; Drying and preservation; Composite materials and furniture.

Will Discuss Formally: Environmental aspects of wood products; Sawmilling; hydrothermal treatment of wood; and wood composite materials technology.

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VLOSKY, RICHARD P., Ph.D., FIWSc., Director, Louisiana Forest Products Development Center and Professor, Forest Products Marketing School of Renewable Natural Resources, Louisiana State University Agricultural Center, Baton Rouge, LA 70803. Phone: (225) 578-4527; Fax: (225) 578-4251; Cell: (225) 223-1931; Email: vlosky@lsu.edu; URL: www.rnr.lsu.edu/lfpdc

Specialty: Marketing; Forest Sector-Based Economic development.

Will Discuss Formally: Marketing Principles, Domestic and international wood products marketing and business development; Technology applications to improve business competitiveness; eBusiness, eCommerce; Marketing applications to economic development; Environmental certification and marketing; Value-added product opportunities.

WANG, XIPING, USDA Forest Service, Forest Products Laboratory, 1 Gifford Pinchot Drive, Madison, WI 53726-2398 (608-231-9461) (FAX: 608-231-9508) email: xwang@fs.fed.us

Specialty: Nondestructive evaluation (NDE) of wood; NDE of wood structural members/systems; Wood drying.

Will Discuss Formally: NDE of trees, logs, lumber; NDE of structural members/systems.

Will Discuss Informally: Dry kiln control.

WIEDENBECK, JANICE K., Project Leader, USDA Forest Service, Northeastern Forest Experiment Station, 241 Mercer Springs Road, Princeton, WV 24740 (304-431-2708) (FAX: 304-431-2772) email: jwiedenbeck@fs.fed.us

Specialty: Secondary wood products processing; Manufacturing system simulation modeling; Production control.

Will Discuss Formally: Research pursuits and accomplishments of Princeton WV's work unit "Improved Processing Technology for Hardwoods" including gang-rip-first research and application programs; Rough mill simulation models; Yield improvement research; New hardwood lumber processing systems and technologies, etc.

WINANDY, JERROLD, Project Leader-Engineered composites. USDA Forest Service, Forest Products Laboratory, One Gifford Pinchot Dr., Madison, WI 53726-2398 (608-231-9316) (FAX: 608-231-9582) email: jwinandy@wisc.edu

Specialty: Engineered wood composites; Durability; Composites as tool for sustainable forestry.

Will Discuss Formally: Composites; Preservation; Property effects; Enhancing durability.

Will Discuss Informally: Standards; Codes; Physical/mechanical properties.

WOLCOTT, MICHAEL P., Professor, Wood Materials and Engineering Lab, Civil and Environmental Engineering, Washington State University, Pullman, WA 99164-1806 (509.335.6392) (Fax: 509.335.5077)

Specialty: Wood-based composite materials; viscoelasticity; adhesion.

Will discuss formally: Composites design, manufacture, and application; Bioproducts and Nanotechnology in the wood industry.

Will discuss informally: Commercial developments; Building products trends; Adhesion.

YADAMA, VIKRAM, Asst. Professor, Wood Materials and Engineering Lab, Civil and Environmental Engineering, Washington State University, Pullman, WA 99164-1806 (509.335.6261) (Fax: 509.335.5077), vyadama@wsu.edu

Specialty: Wood-based composite materials; viscoelasticity; adhesion.

Will discuss formally: Wood engineering and design, composites and their applications.

Will discuss informally: Building developments and construction technology.

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YAN, NING., Assistant Professor, University of Toronto, Faculty of Forestry, 33 Wilcocks St., Toronto, Ontario CANADA M5S 3B3 (416-946-8070) (FAX: 416-978-3834)
email: ning.yan@utoronto.ca

Specialty: Material science.

Will Discuss Formally: Wood composites performance; Adhesive-wood interactions; Wood/natural fiber plastic composites; Pulp and paper.

Will Discuss Informally: Durability and weathering of forest products.

ZERBE, JOHN I., 3310 Heatherdell Lane, Madison, WI 53713 (608-274-0714)

Specialty: Wood as a source of energy and petrochemical substitutes; Use of wood to combat global climate change.

Will Discuss Formally: Conversion of wood to improved fuels; Wood as a raw material for alcohol production; Reduction of atmospheric carbon dioxide through wood utilization by conservation, sequestration and substitution.

Will Discuss Informally: History of the forest resource as a source of fuel; Current thinking on wood as a source of energy; Impact of energy usage on the future of our economy; Impacts of atmospheric carbon dioxide increase.

ZHANG, JILEI, Associate Professor, Forest Products Laboratory, Mississippi State University, Box 9820, Mississippi State, MS 39762 (662-325-9413)
(FAX: 662-325-8126) email: jzhang@cfr.msstate.edu

Specialty: Furniture engineering.

Will Discuss Formally: Strength design of furniture; furniture performance tests and standards; evaluation of wood and wood composites as furniture stock; computer-aided to furniture design and structural analysis.

Will Discuss Informally: Computer-aided to furniture design, analysis, and manufacture; furniture package design and testing; nondestructive evaluation of furniture structural performance.

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