

SWST Newsletter

~ December 2007 ~



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Please send items for the February SWST Newsletter to me by the end of January.

AdamTaylor@utk.edu

Happy New Year!

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Global Trade in Forest Products
A Technical Session at the
2008 SWST Annual Convention,
University of Bio-Bio, Concepción, CHILE
Nov 10-12, 2008

CALL FOR PAPERS IN

“GLOBAL TRADE IN FOREST PRODUCTS”

Deadline is January 15, 2008

The *Society of Wood Science and Technology* will hold its Annual Convention in **Concepción, 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 Concepción, Chile. We invite submissions of ABSTRACTS (see attached form) for the session on “**Global Trade in Forest Products**” on topics such as :

- The global and regional forest products industry of 2030 – what lies ahead.
- The illegal logging problem and proposed solutions.
- Environmental labeling of wood and forest products and potential impacts on world markets.
- Corporate social responsibility and the forest sector.
- The growing role of China as a wood products manufacturer and consumer.
- Impacts of trade liberalization in forest products.
- The impact of shifts in currency exchange.
- Development of markets for lesser known species.
- Pursuit of niche markets around the world.
- Global trade models.

The above listing of topics is only an example. Note that a broad range of topics will be considered. We will select 8-9 Abstracts covering a diverse range of 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 Convention attendees, and

then electronically published via the internet on the SWST webpage at www.swst.org . Please note that all posters, oral PowerPoints, and written papers must be written in English. There will be dual translation of oral presentations available at conference.

For further information on the session "*Global Trade in Forest Products*" at the SWST 2008 Annual Convention in Concepción, CHILE, please contact: Jim Bowyer (jimbowyer@comcast.net) or Martin Sanchez (msanchezacosta@correo.inta.gov.ar). For further information on SWST 2008 Annual Convention in Concepción, CHILE, contact Vicki Herian (vicki@swst.org) or visit <http://www.swst.org/annualMeeting.htm> .

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CALL FOR PAPERS IN

“ADVANCED PROCESSING IN THE 21ST CENTURY”

Deadline is January 15, 2008

51st SWST Annual Convention
November 10-12, 2008
Concepción, Chile

We invite submissions of [ABSTRACTS](#) for the session on “*Advanced Processing of Timber in the 21st Century*” in 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 on the [SWST website](#). Please note that all posters, oral Powerpoints, and written papers must be written in English. There will be dual translation of oral presentations available at conference.

For further information on the session "*Advanced Processing in the 21st Century*" at the SWST 2008 Annual Convention in Concepcion CHILE, please contact: [Jerry Winandy](#) or [Cecilia Bustos](#).

For further information about the [SWST 2008 Annual Convention](#) in Concepcion CHILE, contact [Vicki Herian](#).

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MODEL FOR AN ABSTRACT

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

Cecilia A. BUSTOS 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 organization, contact details for these can be included also). Using a standard industry word processor (e.g. Microsoft Word 2007) previous versions are accepted), type your document then store it as a *.doc file. Email your Abstract as an attachment to both Dr. Bowyer and Dr. Sanchez with the email title "SWST Global Trade Session Abstract".

This "*Model for an Abstract*" serves to indicate how you should organize your Abstract. The paper can be A4 or 8-1/2 by 11-in. Page layout should have 2.5 cm margins on all four sides, be single-spaced and use Times New Roman typeface with a 12-point pitch. The text should be left justified only, and have 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 and contact information (email, fax, phone). Multiple addresses are used if there is more than one organization - not just the senior author.

Your abstract must be received on or before January 15, 2007. If e-mail submission is not possible, please post/courier your Abstract on diskette or CD, together with a high quality printout to Jim Bowyer. On the diskette or CD label include your name, version of software used 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 electronic file, 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 all other authors should be given.

Key words

Indicate up to 5 key words.

Dr. James Bowyer Dovetail Partners, Inc. 528 Hennepin Avenue, Suite 202 Minneapolis, MN 55403 USA Tel +01-651-490-7688 Fax +01-612-333-0432 Email : jimbowyer@comcast.net	Martin Sanchez Email: msanchezacosta@correo.inta.gov.ar
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[<Back>](#)**STYLE CHANGES TO WOOD & FIBER SCIENCE**

We are now changing some style and format for manuscripts published in WFS. Detailed information can be found on the Journal part of the SWST web page. Follow the links: Publications/Wood and Fiber Science/Author Checklist and you will end up at: <http://www.swst.org/authorChecklist.html>. There you will see a list of key items for your manuscript that will link to specific areas, such as format, headings, SI units, references, etc. I hope this helps in your preparation of manuscripts and it will certainly save much time in the editorial process. Any suggestions that you have in additions or corrections would be greatly appreciated!

Our objective is to complete the review, revision, and editorial process within two months, meaning that most manuscripts can be in print within six months of submission, depending on the publication date of a particular issue. Things are in the works to eventually make the entire process to publication in electronic format, which will assure that we meet our publication time target. Of course, the biggest unknown in the process is the timeliness of reviews, so for those of you who are being asked to review manuscripts, I ask that you make this duty one of your highest priorities; you too are authors and will benefit from fast turnarounds.

Please note that all manuscripts should be emailed to the editor in a single Word file containing figures. The figures should be in adequate resolution for the review process, but not high definition; that can come later as manuscripts are processed by the publisher.

Thanks,
Frank Beall
Editor
Wood and Fiber Science

frank.beall@nature.berkeley.edu[<Back>](#)

ANAGNOST NAMED CHAIR OF THE CMPWE

Dr. Susan Anagnost was named chair of the Department of Construction Management and Wood Products Engineering (CMPWE) at the SUNY College of Environmental Science and Forestry. She took over from Dr. Robert Meyer who resumed full-time teaching, research, and outreach duties in CMWPE.

Anagnost completed her undergraduate work in biology at Gettysburg College in Pennsylvania. She received her master's degree and Ph.D. in environmental and resource engineering from ESF.

Anagnost has been a faculty member in CMWPE for 15 years. She is also associate director of ESF's N. C. Brown Center for Ultrastructure Studies.

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42ND INTERNATIONAL WOOD COMPOSITES SYMPOSIUM AND TECHNICAL WORKSHOP

March 31-April 2, 2008

Featuring Keynote Speaker Kelly Shotbolt, President and CEO, Flakeboard Co. Ltd. "Growing our Business -- Leveraging our strengths"

Please visit our website: <http://www.woodsposium.wsu.edu>.

Don't forget the Technical Workshop March 31 preceding the symposium:
Manufacturing technology advancements that create value

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For Hotel Reservations:

Red Lion Hotel on Fifth Avenue
1415 5th Avenue
Seattle, WA 98101
206-971-8008 Phone (International and Domestic)
800-504-3909 Phone (Domestic ONLY)
206-971-8101 Fax
Email: 5thavesales@redlion.com

Red Lion Group/Convention Code 0803INTERN
Registration and logistic information:
Susan Butts, Conference Manager
Center for Distance and Professional Education Washington State University
208 Van Doren Hall
Pullman, WA 99164-5222
(509) 335-4097 (Direct) or (509) 335-3530
(800) 942-4978 (Toll free)

(509) 335-7781 (Fax)

Program information:

Vik Yadama , Symposium Co-Chair

International Wood Composites Symposium

WSU Wood Materials & Engineering Laboratory P O Box 641806 Pullman, WA 99164-1806
USA

509-335-6261 or 335-2262 Phone

509-335-5077 Fax

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11TH INTERNATIONAL CONFERENCE ON DURABILITY OF BUILDING MATERIALS AND COMPONENTS

We are privileged to be hosting the 11th International Conference on Durability of Building Materials and Components (11 DBMC) at Istanbul where a confluence of people with technological and scientific perspectives is envisaged to exchange ideas and research findings on studies pertaining to the service life and durability of construction and building materials, components and systems at the global and local levels. The perpetual interaction of activities carried out by researchers and professionals at these two levels constitute the sub-theme of this conference – “Globality and Locality in Durability”. Global is concerned with overall or conceptual issues while local focuses on more regional or specific problems. The intention of the conference is to merge both of these efforts on durability.

This triennial conference, complimented by related CIB, RILEM and ISO meetings, is to take place in an historic setting at the geographical as well as cultural gateway between two continents. Istanbul also has the distinction of having been the capital city of the Byzantine and Ottoman Empires respectively.

In the spirit of these contextual, geographic and historic dualities we anticipate to receive stimulating and provocative as well as conventional contributions from various disciplines intended to spawn further developments towards a sustainable built environment.

In my capacity as the Organizing Committee Chair of 11DBMC Conference, I cordially invite you to attend and contribute to this distinguished event with an accomplished background and extensive support provided by reputable institutions.

Dr. Nil Türkeri,
Istanbul Technical University

<http://www.11dbmc.org/index.html>

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PANEL & ENGINEERED LUMBER INT'L CONFERENCE & EXPO CONFERENCE DATE CORRECTION

A special conference is planned for February 7 - 9, 2008 in Atlanta, Georgia. Panel World is co-sponsoring the **PANEL & ENGINEERED LUMBER INTERNATIONAL CONFERENCE & EXPO** at the OMNI Hotel. Details are available at www.panelworldexpo.com .

A Human Resource Program will discuss solutions to the H.R. challenges facing our industry. The U.S. retirement tsunami is coming! Note that over 62% of our workforce will retire within the next 10 years. Over 800+ attendees are expected.

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4TH INTERNATIONAL CONFERENCE ON ADVANCED ENGINEERED WOOD & HYBRID COMPOSITES

For more information about the conference, download a copy of the brochure attached to this email or go to www.aewc.umaine.edu

The 4th International Conference on Advanced Engineered Wood and Hybrid Composites will be held July 6-10, 2008, at the Harborside Hotel and Marina, Bar Harbor, Maine, USA.

Papers and poster presentations are being solicited in the following areas:

Advanced Wood Composites
Natural Fiber Composites
Wood-Plastic Composites
Polymer Matrix Composites
Nanocomposites
Bio-Based Composites
Marine/Boat Building Composites
Defense and Homeland Security Applications Building Systems Structural Panels and Assemblies Market Development Case Studies Consumer Goods Applications

An abstract of your proposed presentation should include: Full title, author's name, affiliation, address, phone/fax/email, name and affiliation of co-authors, topic, and a brief summary (100—200 words) of the research you will present.

Submission of your abstract implies a commitment to participate in the conference and to present your paper or poster. Deadline for abstract submission: December 1, 2007. Submit your abstract

via email to: doreen.boutin@umit.maine.edu

Questions about your abstract? Contact:
Doreen Boutin
Conference Coordinator
207/581-2121 phone
doreen.boutin@umit.maine.edu

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INTERNATIONAL DEVELOPING SWST MEMBERSHIP

The Society of Wood Science and Technology has established a new membership category for an individual from the list of developing countries listed below. 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 fee structure will be (in U.S. Dollars):

Full \$15 • Student \$5

University/Institution Bundled -

10 students for \$40 (a savings of \$10)

10 full members for \$130 (a savings of \$20)

Application can be made at <http://www.swst.org/memapponline.html>

When a student or full member returns to their country, they can adjust their student or full membership to the International Developing category. While a student/full member is here in the U.S. they do not qualify for this type of membership.

LIST OF DEVELOPING COUNTRIES

Afghanistan	Bhutan	Comoros	Equatorial Guinea
Albania	Bolivia	Congo, Dem. Rep.	Eritrea
Algeria	Bosnia and Herzegovina	Cook Islands	Ethiopia
Angola	Botswana	Costa Rica	Gabon
Anguilla	Burkina Faso	Cote d'Ivoire	Gambia
Antigua and Barbuda	Burundi	Croatia	Georgia
Armenia	Cambodia	Cuba	Ghana
Azerbaijan	Cameroon	Djibouti	Grenada
Bahrain	Cape Verde	Dominica	Guatemala
Bangladesh	Central African Republic	Dominican Republic	Guinea
Barbados	Chad	Ecuador	Guinea-Bissau
Belize	Colombia	Egypt	Guyana
Benin		El Salvador	Fiji
			Haiti

Honduras	Mayotte	Paraguay	Tajikistan
India	Micronesia,	Peru	Tanzania
Indonesia	Federated States	Philippines	Thailand
Iran	Moldova	Rwanda	Timor-Leste
Iraq	Mongolia	Samoa	Togo
Jamaica	Montserrat	San Tome and	Tokelau
Kazakhstan	Morocco	Principe	Tonga
Kenya	Mozambique	Senegal	Trinidad and
Kiribati	Myanmar	Serbia and	Tobago
Kyrgyz Republic	Namibia	Montenegro	Tunisia
Laos	Nauru	Seychelles	Turkey
Lebanon	Nepal	Sierra Leone	Turkmenistan
Lesotho	Nicaragua	Solomon Islands	Turks and
Liberia	Niger	Somalia	Caicos Islands
Macedonia	Nigeria	South Africa	Tuvalu
(former	Niue	Sri Lanka	Uganda
Yugoslav	Oman	St. Helena	Uzbekistan
Republic)	Pakistan	St. Kitts and	Vanatu
Madagascar	Palau Islands	Nevis	Vietnam
Malawi	Palestinian	St. Lucia	Wallis and Futuna
Maldives	Administered	St. Vincent and	Yemen
Mali	Areas	Grenadines	Zambia
Marshall Islands	Panama	Sudan	Zimbabwe
Mauritania	Papua New	Suriname	
Mauritius	Guinea	Swaziland	

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RESEARCH FOREST PRODUCTS TECHNOLOGIST OR RESEARCH FORESTER

Ecologically Sustainable Production of Forest Resources (ESP) Research Team
Pacific Northwest Research Station, Portland, Oregon

The USDA Forest Service, Pacific Northwest (PNW) Research Station intends to advertise a permanent, full-time position for a Research Forest Products Technologist or Research Forester to be appointed as either Team Leader or Scientist. The duty station will be Portland, Oregon. If selected as Team Leader, the incumbent would report to the Program Manager of the Human and Natural Resource Interactions Program; if the position is filled as a scientist, the incumbent would report to the ESP Team Leader. The position will be at the level of GS 13 or 14, which currently have starting salaries of \$78,754 and \$93,063, respectively; a cost-of-living increase is expected in January 2008.

The ESP team is an interdisciplinary team that includes wood technologists, foresters, and silviculturists who conduct research on the influences of forest conditions and management practices on timber characteristics and quantity, and on interrelationships between timber production and other forest goods and services desired by society. The team works closely with a wide variety of other research groups. The geographic focus for the team encompasses all western states (USDA Forest Service Regions 1-6 and Region 10). Potential research areas are broad and include topics that can be addressed by individuals from a variety of natural resource science disciplines working collaboratively.

The incumbent will conduct personal research to advance knowledge, establish protocols, and develop methods and tools through integration of multi-disciplinary research in support of the ecologically sustainable production of forest resources in the western United States. The research is generally of an applied nature directed at understanding how forest management activities affect forest outputs over time, at different geographical scales and in different forest types, and what opportunities exist for achieving joint production of goods and services from forested landscapes. Implementation of a successful program of work involves developing collaborative relations with a variety of partners. In addition to a personal program of scholarly work, if the position is filled at the Team Leader level the incumbent will provide technical RD&A leadership to a diverse team of researchers and technical specialists. Administrative responsibilities of the Team Leader include formal supervision of ESP team members and accountability for appropriated funds.

The PNW Research Station seeks candidates who can demonstrate a strong scholarly background similar to that expected from someone with a doctoral degree and several years of subsequent research accomplishment, as well as familiarity with national forest management. Candidates must be U.S. citizens. An essential requirement of this position is a working knowledge of the wood products industry. Candidates must also have strong skills in planning, organizing, coordinating, and implementing a program of work that includes scientists and technical specialists not necessarily under their direct supervision, and candidates also must have a demonstrated ability to work on complex and controversial issues. An extensive publication record in refereed journals will be considered an important advantage. Preference will be given to candidates interested in serving as Team Leader.

Interested applicants, or those desiring further information, should contact, *by January 31, 2008*, either Eini Lowell, Research Scientist, ESP Team at e-mail elowell@fs.fed.us (telephone (503) 808-2072); or Dennis Dykstra, Research Scientist, ESP Team at e-mail ddykstra@fs.fed.us (telephone (503) 808-3132), or write to USDA Forest Service, Pacific Northwest Research Station, Attention: Eini Lowell, PNW Research Station, 620 SW Main St. Suite 400, Portland, Oregon 97205.

Only those people responding to this outreach will be notified when the vacancy opens. The vacancy announcement will be posted on www.usajobs.gov

The U.S. Department of Agriculture prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual

orientation, or marital or family status.

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INSTRUCTOR IN WOOD PRODUCTS MANUFACTURING

The **Department of Wood Science and Engineering** at Oregon State University is seeking a full-time, 12-month, fixed-term faculty member at rank of Instructor to teach undergraduate courses in wood products manufacturing and wood technology. The Instructor will also assist with undergraduate student advising, contribute to academic assessment and will support the Oregon Wood Innovation Center through technical assistance and outreach education. This position is supported by state general funds with reappointment at the discretion of the department head.

Required qualifications: MS degree with one degree in forest products, wood science and technology or similar field, a minimum of three years relevant experience in wood products manufacturing, strong interpersonal and organizational skills, strong oral and written communications ability. Teaching, advising or mentoring experience is desired. For additional information see <http://woodscience.oregonstate.edu>. To review posting and apply, go to <http://oregonstate.edu/jobs>. You will be required to electronically submit a letter of application describing your experience, qualifications and interest, curriculum vita, and name, address, phone number and email address of at least three professional references. To receive full consideration, your application must be received by February 1, 2008. For additional information please contact Barbara Lachenbruch at 541-737-4213 or Barbara.lachenbruch@oregonstate.edu.

OSU is an Affirmative Action/Equal Opportunity Employer.

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POSTDOCTORAL FELLOWSHIP IN WOOD AND FIBRE QUALITY

A highly motivated postdoctoral research fellow is sought to undertake a two-year interdisciplinary project on the genetics of wood and fiber quality starting as soon as possible. Supported by a team of wood scientists and quantitative/molecular genetics, the successful candidate will evaluate selected wood and fiber quality properties, and examine their genetic variations and implications. The candidate should have a PhD in wood science, genetics, forestry or biology. The successful candidate must have proven ability of undertaking quality research and publishing research results. It is also important that the candidate be able to work in a team environment and communicate with other team members.

Qualified candidates are invited to send their resumes before December 2, 2007 to:

Dr. Tony Zhang
FPInnovations - Forintek Division
Vancouver, BC V6T 1W5

Tel: (604) 222-5741
E-mail: tony.zhang@van.forintek.ca
Website: www.fpinnovations.ca

Dr. Shawn Mansfield
Department of Wood Science
University of British Columbia

Vancouver, BC V6T 1Z4
E-mail : Shawn.mansfield@ubc.ca
Tel : (604)- 822-0196
<http://faculty.forestry.ubc.ca/mansfield/lab/>

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INRA POST-DOCTORAL POSITION

INRA (Institut National de la Recherche Agronomique) is offering a 2-year Post-Doctoral position: Measuring the viscoelastic property of wood during enzymatic treatments as an indicator of molecular modification.

Job description

The objective of this project is to use the viscoelastic properties of wood as an expression of molecular modification of the cell wall. A specific device, named WAVET, has been developed and adapted to wood in the laboratory to perform dynamic mechanical analysis (DMA) of samples in water-saturated conditions. The samples are immersed in a temperature-controlled water bath throughout the test at a pressure increasing up to 5 bar, which allows tests to be performed until 140°C (Placet et al., 2007; Placet et Perré, 2006)^{1,2}. In addition to characterization, the evolution in time of the viscoelastic properties can be used as an identity card to assess chemical modifications of the cell wall, i.e. during thermal degradation. Because the viscoelastic properties of wood are mainly determined by the amorphous part of the cell walls, enzymatic treatments such as xylanase or/and laccase will be used to induce hemicellulose or lignin modifications. Treatments will be performed simultaneously with rheological measurements in WAVET allowing dynamic characterization of the influence of the molecular structure on the material properties.

The Anatomy and Wood Physics laboratory is located at Nancy (downtown) in the east of France (one hour and an half from Paris with the TGV). The laboratory is comprised of multidisciplinary scientists (biochemistry, wood anatomy, physics, computational physics, mechanics) who are actively involved with the supervision of 6 PhD students.

Required competences

A PhD in rheology or a related field is required and experience in materials science especially in polymers is desirable. Interested candidates should submit a detailed CV with publications and an application letter.

Monthly gross salary: 2150 euros

Fixed-term contract: 2 years, starting March 2008

Contacts : Carole Assor; assor@nancy-engref.inra.fr ; phone : + 33 3 83 39 68 93
Patrick Perré; perre@nancy-engref.inra.fr ; phone : + 33 3 83 39 68 90

Key words : Rheology, viscoelasticity, polymers, time-delayed behaviour.

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GRADUATE RESEARCH ASSISTANTSHIP FOR PH.D. STUDIES AT THE UNIVERSITY OF NEW BRUNSWICK

A full-time Graduate Research Assistantship is available for a person to undertake research in the area of Wood Mechanics leading to a doctoral degree starting in January 2008. The successful candidate should have a M.Sc. degree in Material Science and Engineering or related field (such as Wood Science, Mechanics of Materials, etc.) with a strong background in finite element analysis and image processing technique. The project will focus on the micromechanics of wood with direct application to wood densification.

A competitive financial support package with a waiver of international differential fees will be offered to a successful candidate, which will be renewed every year upon satisfactory progress. More information about post-grad studies, requirements and application procedure can be found at <http://www.unb.ca/gradschl/> and <http://www.unbf.ca/forestry/graduate.php>.

Interested persons please send by email a letter of interest and a recent CV to

Dr. Meng Gong
Wood Science and Technology Centre
Faculty of Forestry and Environmental Management
University of New Brunswick
Fredericton, NB, Canada E3B 6C2
Tel: (506)458-7876 Fax: (506)453-3574
Email: mgong@unb.ca

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Graduate Research Assistantship for M.Sc. Studies

A full-time Graduate Research Assistantship (GRA) is available for a qualified person to undertake research in the area of wood dielectric heating and its relationship to properties modification and processing optimization that will lead to a M.Sc. degree starting in September 2008.

The successful candidate will have a B.Sc. degree in Wood Science or related field (such as Engineering, Material Science, Physics, etc.). A strong background in wood physics, wood anatomy and statistical analysis is highly desirable.

The GRA is highly competitive, comes with a tuition waiver and it is offered for up to 3 years (renewed every year upon satisfactory progress).

Interested persons please send a letter of interest by email and a recent CV to

Professor Stavros Avramidis
University of British Columbia
Department of Wood Science
2424 Main Mall,
Vancouver, BC, V6T 1Z4
Canada
stavros.avramidis@ubc.ca

More information about post-grad studies, requirements and application procedure can be found at <http://wood.ubc.ca/Programs/GraduateProgram/tabid/954/language/en-US/Default.aspx> and under the Department's webpage at wood.ubc.ca

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PROFESSOR AND DEPARTMENT HEAD - DEPARTMENT OF FORESTRY, VIRGINIA TECH

POSITION DESCRIPTION AND DUTIES

The College of Natural Resources at Virginia Tech invites applications and nominations for the position of Professor and Department Head, Department of Forestry. This is a full time, 12 month, tenure-track position. The position is available July 1, 2008. The Department of Forestry is considered one of the premiere teaching, research and engagement programs of its kind in the country. The Department was named a University Exemplary Department in 2001. Department faculty, staff and students are recognized leading scholars. The Department is one of 4 academic units in the College of Natural Resources (Forestry, Fisheries and Wildlife Sciences, Geography, and Wood Science and Forest Products).

Established in 1959, the Department of Forestry has grown to 31 full-time faculty, 14 research-extension-postdoctoral associates, 16 affiliated and adjunct faculty, 6 district natural resources and forestry Extension agents, and 60 graduate students and 140 undergraduate students. The

Department offers two undergraduate degrees (Natural Resources Conservation and Forestry) with options in Forest Resource Management, Urban Forestry, Natural Resource Recreation, Natural Resource Education, Natural Resource Science, Industrial Forestry Operations, Watershed Management, and Environmental Resource Management. The Department offers Master of Forestry, Master of Science, and Doctor of Philosophy degrees in five general specialty areas that include Forest Biometrics and Geomatics; Forestry Biology and Urban Forestry; Forest Economics, Policy, and Management; Natural Resources Recreation and Human Dimensions, and Forestry Operations. The Department has considerable off-campus properties used for programming. The Department Head provides leadership in the management and administration of the Department, with oversight in areas of faculty and staff recruiting and retention, diversity, curriculum development, Extension and engagement programming, research, budgeting and reporting, facilities, gifts and endowments, and the acquisition of external funding. The Department Head reports to the Dean, College of Natural Resources and maintains liaisons with other administrators of the college, university, state and federal agencies, and associations.

A resource website has been established for this search with important information about the position, process, department, university and community. The resource website is located at www.forestry.vt.edu/searchresources

QUALIFICATION REQUIREMENTS

Candidates must have a Ph.D. in an academic discipline related to areas of programming in the department. Candidates should possess a distinguished record of accomplishment, including demonstrated strength in learning, discovery and engagement. Candidates should have administrative experience or demonstration of administrative potential through roles of continued responsibility and working effectively with people at all levels of an organization or within a university environment. Prior demonstration of collegial leadership and effective communication skills is paramount. The Department Head should be responsive to the needs of faculty and the diverse student body, and committed to cultural and intellectual diversity. Candidates should be able to serve as an effective advocate of the Department as well as a visionary to move the Department into the future on the leading frontier of forestry. Candidates should know and understand the role of natural resources and forestry management, as well as recognize the utilization of physical and social sciences in addition to human dimensions as key components of department programming and impact. Knowledge of the current and emerging trends and issues in forestry and natural resources is desirable. Candidates should qualify for appointment at the rank of professor in the Department of Forestry, through an established record of accomplishment. **Preferred Qualifications:** In addition to the above required qualifications, the candidate would have history of collaboration with colleagues on and off campus, experience reaching out to business, industry, government agencies and associations and the ability to be a good departmental, college, and university citizen; demonstration of collegial leadership.

Application: Application materials should include your resume, the names, addresses, phone numbers and email addresses of five professional references. References will not be contacted until later stages of the search and candidates will be notified in advance of contacting

references. The applicant should address his or her interest in the position by preparing a written statement of interest that addresses the matching of personal skills and education with the position description; please limit to no more than 3 pages. All materials must be submitted electronically. An official transcript must be provided as a condition of employment. Submit on-line at www.jobs.vt.edu, referring to posting No. 071157. Review of candidate files will begin December 14, 2007 and continue until a suitable candidate is identified. Confidentiality of nominees and applicants will assured until the on-campus interview stage of the search.

Nominations and Inquiries: Dr. Paul M. Winistorfer, Professor and Head
Department of Wood Science and Forest Products
College of Natural Resources, Virginia Tech – 230 Cheatham Hall (0323)
Blacksburg, VA 24061
Phone 540.231.8853 or email pwinisto@vt.edu

Virginia Tech is an Equal Opportunity/Affirmative Action Employer and has a strong commitment to the principle of diversity and, in that spirit, seeks a broad spectrum of candidates including women, minorities, and people with disabilities. Virginia Tech is the recipient of the National Science Foundation ADVANCE Institutional Transformation Award to increase the participation of women in academic science and engineering careers. Individuals with disabilities desiring accommodations in the application process or needing this material in an alternate format should notify Debbie Garnand, Department of Wood Science and Forest Products at 540-231-8853 or email at garnandd@vt.edu.

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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 inter-college 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/liason for the School to other departments, college and university administration, governmental agencies and non-government 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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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: vherian@fs.fed.us
Web site: <http://www.swst.org>

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Editor:	Frank Beall
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Editorial Assistant:	Carol B. Ovens

<i>SWST Newsletter Editor</i>	Adam Taylor
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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.

BABIAK, 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 Technolgy 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: chenggo@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 AEWB 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 specialities.

Will Discuss Informally: Above listed specialities.

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.

LOFRSKI, 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: wrsmith@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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