

SWST Newsletter

~ February 2008 ~

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Note from the Editor

Please send items for the April SWST Newsletter to me by the end of March.

AdamTaylor@utk.edu

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SWST 51ST ANNUAL CONVENTION CONCEPCIÓN, CHILE

The first SWST international meeting outside of North America will be held on November 10-12, 2008 in Concepción, Chile at the Universidad del Bío-Bío, a cosponsor and co-organizer of the meeting. [Click here](#) to see other sponsors.

There will be four sessions during the first two days dealing with (1) Timber Engineering, (2) Global Trade in Forest Products, (3) Wood Quality: Challenges in the 21st Century, and (4) Advanced Processing of Timber in the 21st Century. Each session has a North American and South American Co-Chair. The last day of the Convention will be a day-long tour of the area and the forest products industry, beginning with a visit to Nueva Aldea.

EXPOCORMA has meetings November 11-15, but is a separate convention. See [4th International Meeting on Forestry, Wood Products, Pulp and Paper](#).

For more information on the SWST meeting:
<http://www.swst.org/meetings/AM08/about.html>

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NATIONAL RESEARCH NEEDS ASSESSMENT (NRNA)

2008 National Research Needs Assessment in Wood Science and Technology

When June 25, 2008, immediately following the [FPS](#) 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 more information, please see the SWST website.

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IAWPS2008, HARBIN, CHINA

International Symposium on Wood Science and Technology
September 27th ~ 29th, 2008

<http://iawps2008.woodlab.org>

Invitation

Dear Colleagues,

It's an honor to invite you to attend the International Symposium on Wood Science and Technology in Harbin from September 27 to 29, 2008. This symposium, named as IAWPS2008, is co-organized by International Association of Wood Products Societies (IAWPS), Key Lab of Bio-based Material Science & Technology of Ministry of Education (Northeast Forestry University), and Chinese Wood Science Society. IAWPS is an international organization founded in 1995 for the contribution of relevant societies to the better understanding and to the better utilization of wood resources in harmony with global and local environment. It is extremely important for us to exchange knowledge and experience in forest products research at national and international levels.

IAWPS 2008 will cover whole areas of wood science and technology, and papers will be presented at ten sessions.

1. Structures of biomass materials
2. Wood physics and advanced processing technologies
3. Engineered wood products
4. Furniture and living environment
5. Forest products chemical engineering and energy conversion of biomass
6. Wood chemistry, pulping and paper making
7. Biodegradation and preservation of wood
8. Wood-based materials and adhesives
9. New bio-based composites
10. Market, economy and management of wood products

If you want to know some more detailed content, please land the conference special website: <http://iawps2008.woodlab.org>

We hope that you will join us in making the IAWPS2008 Conference, and we warmly welcome you to come to Harbin, capital of Heilongjiang Province, which is located in the Northeast China, and is famous for its unique scene and European architectures. We are sure you will have a memorable time in Harbin.

Thank you for your attention. We are looking forward to welcoming you in Harbin.

Sincerely yours,

Secretariat

IAWPS2008, Harbin, China

Phone/Fax: +86-451-82190134

Email: iawps2008@yahoo.com.cn

Website: <http://iawps2008.woodlab.org>

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CONFERENCE ANNOUNCEMENT CALL FOR PAPERS

| | |
|----------|--|
| TOPIC | Forest Sector Modeling: State-of-the-Art and Future Challenges in an Expanding Global Marketplace |
| DATES | November 17, 2008: Reception (evening) November 18-19, 2008: Presentations November 20, 2008: Tour |
| LOCATION | University of Washington • Seattle, Washington USA |

CONFERENCE INFORMATION: The International Union of Forest Research Organizations (IUFRO) Forest Sector Modeling Working Party WP 6.11 (originally part of the International Institute for Applied Systems Analysis (IIASA) Forest Sector Project) is planning a conference in the USA, resuming a past tradition. The meeting will offer new and old researchers interested in forest sector modeling (FSM) the opportunity to catch up with developments from around the world. The conference will mix plenary, concurrent sessions, focused panel discussions, and input from key FSM users in forestry, forest industry, and policy planning. Plenary sessions will feature invited speakers, notable in forest sector modeling, with reviews of state-of-the-art FSM applications in major forest sector regions.

CALL FOR PAPERS: The organizing committee is soliciting speakers for the concurrent sessions to present the latest modeling developments and policy applications. Of particular interest are speakers who might address:

- short-term versus long-term modeling issues
- use of econometric results as input to FSMs
- opportunities for integrating models across sectors
- integrating forest sector and biological system models
- treatment of uncertainty in FSMs
- incorporating wood-based bio-energy models in FSMs
- application of FSMs in policy analysis including greenhouse gas (GHG) mitigation

To offer a paper, please send a brief (less than 200 word abstract) to John Perez-Garcia (email: perjohm@u.washington.edu) by February, 15, 2008. The organizing committee particularly encourages submissions from new researchers as a means to acquaint them with the IUFRO working group and the international modeling community. Both a special journal issue for selected papers (*Forest Policy and Economics*) and a proceedings published jointly by CINTRAFOR and USDA Forest Service are being planned.

FOR MORE INFORMATION: Please contact Organizing Committee Chair John Perez-Garcia

phone: (206) 685-2315 email: perjohm@u.washington.edu or visit our website at:

http://www.cof.orst.edu/cof/fr/research/tamm/Conference/FSM2008_MainFrame.htm

CONFERENCE SPONSORS: IUFRO, Center for International Trade in Forest Products (CINTRAFOR) at the University of Washington College of Forest Resources, European Forest Institute (EFI), IIASA, the US Department of Agriculture (USDA) Forest Service, and Oregon State University.

ORGANIZING COMMITTEE:

| COMMITTEE MEMBER | AFFILIATION | LOCATION |
|--------------------------|---|--------------------------------|
| John Perez-Garcia, Chair | University of Washington College of Forest Resources | Seattle, Washington USA |
| Robert Abt | NC State University Department of Forestry | Raleigh, North Carolina USA |
| Darius Adams | College of Forestry Oregon State University | Corvallis, Oregon USA |
| Richard Haynes | USDA Forest Service | Portland, Oregon USA |
| Sten Nilsson | International Institute for Applied Systems Analysis | Laxenburg, Austria |
| Gonzalo Paredes | Southern University of Chile Faculty of Forest Science | Valdivia, Chile |
| Susan Phelps | Canadian Forest Service | Ottawa, Ontario, Canada |
| Tachibana Satoshi | Forestry and Forest Products Research Institute | Ibaraki, Japan |
| Birger Solberg | Norwegian University of Life Sciences, Dept of Ecology and Natural Resources Management | Aas, Norway |
| Anne Toppinen | European Forest Institute and Finnish Forest Research Institute | Joensuu, Finland |

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42ND INTERNATIONAL WOOD COMPOSITES SYMPOSIUM AND TECHNICAL WORKSHOP

March 31-April 2, 2008 Red Lion Hotel on Fifth Avenue, Seattle Washington USA

Online registration now available at www.woodsymposium.wsu.edu

Highlights include:

Technical Workshop March 31 preceding the Symposium:

Manufacturing Technology Advancements that Create Value Symposium April 1-

2

Tuesday April 1:

Keynote Address "Growing our business--Leveraging our strengths"

Kelly Shotbolt, President, CEO, Flakeboard Co. Ltd

Wednesday April 2: Wood Composite Adhesives: Challenges and Opportunities

Submit Technical Forum poster abstracts by February 15

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MANAGEMENT SKILLS DEVELOPMENT FOR WOOD INDUSTRY MANAGERS

Dr. Judd Michael, Associate Professor of Sustainable Wood-Based Enterprises, has created a cutting-edge new program that builds on the fundamental wood-industry management training that he's developed over the years. Judd works with the wood industry on topics related to organizational effectiveness & performance. He has conducted training for groups such as NHLA, HMA, and the KCMA, and has given a variety of management training programs to managers at more than 100 wood manufacturers. He teaches courses in Penn State's Wood Industries Business & Marketing Program, as well as in the Penn State MBA program.

This program has been designed to offer wood manufacturers a specialized training program to increase the supervisory skills of their managers.

Content was determined from industry feedback to cover managerial topics that are critical for today's hardwood industry managers. All aspects of operations management will be covered in the context of today's difficult industry issues. Also leading sections of the course will be Mr. John Park, Associate Director/Asst Professor at Penn State's Management Development Programs, and yours truly.

Please join us at the comfortable training facilities of the Wood Education Resource Center in Princeton, WV on March 26th and 27th. We'll also be offering the course in June in State College. And check out other industry conferences and programs for 2008 at our WoodPro Industry Calendar at <http://woodpro.cas.psu.edu/Conferences.htm>.

Chuck Ray, Ph.D.

Assistant Professor, Wood Operations Research School of Forest Resources The Pennsylvania State University University Park, PA 16802

Office: 814-865-0679

Fax: 814-863-7193

Email: cdr14@psu.edu

On the Web: <http://woodpro.cas.psu.edu>

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LATIN AMERICA WORKSHOP ON NON-DESTRUCTIVE TESTING OF WOOD PRODUCTS.

The Instituto Tecnológico de Costa Rica <<http://www.itcr.ac.cr/>> (ITCR) through the Technology Products Forestry Group of School Forestry Engineering <<http://www.itcr.ac.cr/escuelas/forestal/index.aspx>> , engineers, and suppliers from Latin America WNDT. Meetings will take place at Centro de Transferencia de Tecnológica of the Instituto Tecnológico de Costa Rica in San José, capital of the Costa Rica. As in previous meetings the objective is to provide an appropriate environment for scientists to discuss wood science, wood technology and wood products research and development.

The topics for the meeting will include, among others, Industrial Scanning, Sound and UltraSound, Acoustic Emission, Laser Emission, Vision, X-Rays, MicroWaves, Signal and Image Processing and others technologies.

December 3-5, 2008
Instituto Tecnológico de Costa Rica
San Jose - Costa Rica

Website: <http://www.ubb.cl/ndtesting/>

Contact/Information:

Róger Moya Roque rmoya@itcr.ac.cr, Phone: +506-550 24 33
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Cynthia Salas Garita cysalas@itcr.ac.cr, Phone: +506-550 23 74

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SOUTHERN VIRGINIA FOREST PRODUCTS INITIATIVE CONFERENCE

Please mark your calendar for March 13, 2008 for the Southern Virginia Forest Products Initiative Conference. The conference will be held at the Institute for Advanced Learning and Research in Danville, Virginia.

This one day program is a result of nearly two years of collaboration moving toward advanced educational programs and creating educational pathways in partnership among many institutions.

- * We seek to develop the human resource to enable a globally competitive and sustainable wood and renewable materials industry in Virginia.
- * Our partnership is a collaboration of educational providers and business and industry partners who envision the future pathways to reach the potential of Virginia's human resource as the most important element of our economic and natural resources sustainability.
- * We are creating educational pathways to create and retain the workforce of tomorrow in Virginia today - to secure our economic and natural resources sustainability for tomorrow.

Please visit the conference website at <http://www.woodscience.vt.edu/svfpi> Registration is now open for this important one day event. Registration cost is \$25.

The conference will include an optional tour of the new Swedwood Danville manufacturing plant. The new Swedwood manufacturing facility is the first North American manufacturing facility for the parent company of IKEA.

Please distribute this conference announcement to those who may be interested.

We apologize for any duplication in this posting.

Regards,

Paul

Paul M. Winistorfer, PhD

Professor and Department Head

Department of Wood Science and Forest Products 230 Cheatham Hall (0323) Virginia Tech Blacksburg, VA 24061

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ONLINE TRAINING INFORMATION EXCHANGE SYSTEM

The U.S. Forest Service Wood Education and Resource Center is currently overseeing beta testing of its online Training Information Exchange System. This system will help individuals in primary and secondary wood products industries locate continuing education training opportunities such as workshops, short courses, seminars, and conferences. System users can search for available training opportunities in the database or automatically receive e-mail notices about training offerings that match specific search criteria.

Participating training organizations can enter available courses online through the Online Training Services Registry System. The system will send a notice to users once it has made a match between training needs and an available training opportunity. The notice will contain additional information about training content, contact information, and related data.

“The Web site will be called HONE, with the idea of ‘sharpen your tools.’ Only in this case, we are not talking about knives and saw blades. The tools we are concerned with are skills, knowledge, and information, and the sharpening of these tools through training. These are the tools needed for today’s global and technologically oriented economy. It is through training and continual updating that these tools are sharpened,” said U.S. Forest Service Forest Products Specialist Al Steele. The system will be available for general use after the independent testing and program updates are completed.

The Training Information Exchange System offers benefits for both training participants and providers, including:

- An automatic e-mail system that notifies participants about offerings that meet specific training requirements;
- An easy-to-use registration process;
- The ability to easily browse the training catalog, and filter training programs by topic,

- location, and dates;
- The ability to communicate training needs and topics of interest between training participants and providers;
- A community forum on training to discuss training and training needs with others (both participants and providers); and
- A personalized “My Page” space to save training program descriptions and other information for future reference.

The system provides participants with a single, timely source for training programs, a simplified process for planning and scheduling training, and the ability to contact providers about training offerings and additional information.

This system also benefits trainers by providing:

- An editable, easy-to-use system for posting training program descriptions,
- An ability to reach potential participants nationally and across industry groups,
- Simplified access to training program information and descriptions, and
- Site metrics related to information posted to the Web site by each provider.

Devin J. Wanner

dwanner@fs.fed.us

Public Affairs Specialist

Northeastern Area, State and Private Forestry

(304) 285-1596

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Sloan Foundation Forest Industries Center at Virginia Tech
in collaboration with
WERC -Wood Education and Resource Center

is sponsoring the:

3rd and final Edition of

Managing and Understanding the Hispanic Workforce

March 17, 2008 - Princeton, WV

Workshop Objectives

- Legal aspects of employing Hispanic workers
- Overcome language barriers
- Provide the latest resources and the most up to date information related to managing the Hispanic workforce
- Create a forum for forest industry employers to share their solutions to common management problems in the areas of hiring, training, retaining, and managing this multicultural workforce

[Registration](#)
[Now Open !!!](#)

[Click here for more information](#)

Topics Covered

- Cultural Differences and Overcoming Language Barriers
- Employing a Legal Workforce
- Employee Training and Safety in a Multicultural Workplace

Registration is limited to the first 30 applicants!!!

Instructors

- Alfredo Martinez, Phd
Georgia Hispanic Specialist Group, University of Georgia
- Barbara Kraft, Instructor
Spanish for the Green Industry, Virginia Tech
- William J. Benos
Williams Mullen, Richmond, Virginia
- Jim Hamilton, Phd
Forestry Instructor, Haywood Community College, Clyde, NC

For further information contact:

Marina Cogo
cogom@vt.edu
540 231 2161

or

visit our website

www.forestindustries.vt.edu

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JIM BOWYER VISITS SYRACUSE

Arrived in Syracuse mid-afternoon on Wednesday, January 23. Dinner with Department Chair Susan Anagnost, Bill Smith, and Robert Hanna.

Began Thursday morning with guest lecture in Bob Meyer's course on Green Ratings Systems. Discussed North American green building programs, limitations of current rating systems - particularly in regard to designation of environmentally preferable materials, and environmental attributes of wood products.

After a tour of the newly-remodeled Baker Hall, and a very impressive suite of offices and state-of-the-art classrooms and laboratories, visited Ron Burlin's Contracts and Specifications class. Discussed much the same topics as in the earlier session, but less formally and from a slightly different perspective.

Enjoyed lunch at the Syracuse University Faculty Center, then a brief break before a late-afternoon seminar on Green Building Programs and Issues attended by faculty, staff, and students. Following pizza with seminar attendees, visited adjunct faculty Kevin Stack's evening class on Construction Standards, winding up my day on campus exactly 12 hours after it began. All in all a long but stimulating day.

From my perspective a very enjoyable visit. Great hospitality, lively discussion, engaged students, and ample evidence that this is a program poised for significant growth in the years ahead.

Jim Bowyer

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SWST INTERNATIONAL TRAVEL GRANTS

The **Society of Wood Science and Technology (SWST)** is providing international travel grants for the professional growth of members each calendar year. These grants are to enhance the members' international perspective and networking with scientists, technologists, and engineers from other countries that are so vital to the success of SWST in the future. Successful candidates are also to bring colleagues from their home country into the networks they establish.

Amount: \$2000 for each grant to help cover travel expenses (maximum of 2 grants per year).

Qualifications: The applicant must be a SWST voting member in good standing for at least the past three years. Preference will be given to applicants with limited international experience.

Requirements: Each successful member is to visit foreign laboratories, industrial firms, and

academic institutions as outlined in their proposal. At the conclusion of the trip, a report is to be filed with SWST noting the visits, addresses of all contacted, and information obtained. The contacts are to be publicized for the use of other SWST members.

See <http://www.swst.org/vspguide.html>

Please share this information within your institution.

Thank you.

Douglas D. Stokke
Chair, SWST Visiting Scientist Program Committee

Iowa State University
Department of Natural Resource Ecology and Management
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Ames, IA 50011-3221 USA
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fax 515-294-2995
dstokke@iastate.edu

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WOOD IDENTIFICATION WORKSHOP

The Louisiana Forest Products Development Center, part of the Louisiana State University AgCenter, is offering a workshop "Practical Wood Identification" on July 9 on the campus of Louisiana Tech University in Ruston, La. The goal of this workshop is to familiarize participants of the proper procedure to correctly identify an unknown wood species. Each wood species contains anatomical features that are unique only to that species, species group, or genus. By learning to identify key anatomical features, participants should be able to identify many common domestic wood species. This workshop is intended for wood working hobbyists, craftsmen, and industry personnel that are interested in learning to properly identify wood. Individuals with little or no previous experience at wood identification are encouraged to attend. The workshop is being offered in cooperating with the School of Forestry at Louisiana Tech University. For more information, please contact Steve Hotard email: shotard@agcenter.lsu.edu or telephone: (318)644-2662 or Todd Shupe email: tshupe@agcenter.lsu.edu or telephone (225)578-6432.

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LUMBER DRYING WORKSHOP

The Louisiana Forest Products Development Center, part of the Louisiana State University AgCenter, will be hosting a comprehensive 3 day lumber drying workshop “Drying Lumber For Quality and Profit” on July 23-25, 2008. The workshop will be held on the LSU campus in Baton Rouge, La. This workshop will thoroughly cover the lumber drying process from start to finish of hardwood and softwood lumber. In addition, participants will gain valuable hands-on experience in the laboratory periods.

Some of the topics to be covered include wood-water relations, wood anatomy, EMC-temperature-RH, moisture meters, steam kilns and operation, kiln control principles, drying stress and degrade, statistical process control, trouble shooting, air drying and stain, and wood shrinkage. The instructors for the workshop include Drs. Todd Shupe, Qinglin Wu, and Charles Clément with the Louisiana Forest Products Development Center, School of Renewable Natural Resources, LSU AgCenter and Pat Bennett, Kiln Supervisor, with Roy O. Martin Lumber Co. in Alexandria, La. Mr. Bennett has over 20 years of industrial hardwood and softwood lumber drying experience. All instructors are international experts in the field of lumber drying and wood-moisture relationships. Contact Dr. Todd Shupe for more information at tshupe@agcenter.lsu.edu or (225)578-6432.

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INTERNATIONAL PANEL PRODUCTS SYMPOSIUM (IPPS)

Call for Papers for the International Panel Products Symposium (IPPS)*

Venue Dipoli, Finland. 24-26 September 2008-02-06

Papers for the above event are invited from academia, private consultants, panel producers, equipment suppliers and end users. One page abstracts should be submitted to the conference organiser (ipps@bangor.ac.uk <<mailto:ipps@bangor.ac.uk>>) by 29 February. For more details please visit our website <http://www.ipps.uk.com>.

Free IPPS Proceedings.

We are reducing the amount of old stock that we hold and as such are able to offer copies from the 1st, 2nd, 3rd and 4th symposium free – if you can collect them from our offices in Bangor. If you can not collect them we are happy to send them to you for a small fee (£10 within Europe, £12 America £15 rest of world, per proceeding) to cover post, packaging and administration.

Please contact the conference organizer if you are interested and to see what other offers are available on previous proceedings.

Kind regards
Ceri Loxton

Conference Organiser for IPPS
ipps@bangor.ac.uk <<mailto:ipps@bangor.ac.uk>>
tel: +44 (0)1248 383190

IPPS 2008 is organized in conjunction with the University of Technology, Helsinki and is sponsored by: Dynea, Habasit , Huntsman Polyurethane, Wood Based Panels International and Würtz.

WOOD-PLASTIC COMPOSITES 2008

The international business conference & exhibition for the wood-plastic
composites industry

14-16 October 2008 Renaissance Penta Vienna Hotel, Vienna, Austria
Organised by Applied Market Information Ltd.

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WOOD-PLASTIC COMPOSITES 2008

I have pleasure to provide the link to the forthcoming Wood-Plastic Composites 2008 conference programme on our website. The event will take place from 14-16 October 2008, Renaissance Penta Vienna Hotel, Vienna, Austria.

Please find below the link to the conference programme on our website (the registration form is on page 4):

<http://www.amiplastics.com/ami/Images/General/Conferences/woodcomp%2008/Wood%20Plas%20Composites%2008.pdf>

The event is now well-established as the leading European and international event. Judging from prior events AMI expects participants from over 30 countries and 6 continents to attend, providing the most international context with which to understand the industry.

Save EUR100 if you register before 15th September 2008. AMI is offering you the opportunity to register at a very special rate. Prices are as follows:

- Delegate Fee for profile producers & similar: EUR670
- Delegate Fee for materials, machinery & technology suppliers: EUR890 (The full price will be EUR 990)

If you require further information about this important event please do not hesitate to contact me.

Maud Lassara
Senior Conference Organizer

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GREEN BUILDING RFP

U.S. Green Building Council Commits Additional \$1 Million to Fund Green Building Research;

\$500,000 Set Aside for K-12 School Facility Research

Pre-proposal submissions for grants due March 7, 2008

The U.S. Green Building Council has doubled its funding commitment for green building research grants to be awarded in 2008 to a grand total of \$2 million. Of the additional \$1 million in grants, \$500,000 has been allocated for K-12 school facility research related to occupant impacts. The Green Building Research Fund was created to spur research that will advance sustainable building practices and encourage market transformation. A formal request for pre-proposals has been released. Pre-proposal abstracts are being accepted from February 12 through March 6, 2008. Selected applicants will be asked to submit comprehensive proposals for the final phase of the selection process.

"Our pledge to invest in research is a reflection of USGBC's commitment to its vision of a sustainable built environment within a generation," said Rick Fedrizzi, President, CEO and Founding Chair of USGBC. "The industry needs to take giant steps forward in design, construction, renovation and operation practices to realize large scale improvements to health and environmental conditions in this timeframe. Our board has identified research as a key strategy for accomplishing that goal, and the research grant fund allows us to take immediate action while encouraging other funders to increase their own research commitments."

Matching funds from other sources are encouraged in order to maximize the potential of USGBC's contribution toward filling critical research gaps. The research will result in knowledge, policies, technologies and tools that will have an immediate and positive impact on sustainable building development, design, construction and operation.

The USGBC Research Committee has established the need for a vast increase in research funding and activity through its publication of Green Building Research Funding: An Assessment of Current Activity in the United States. Subsequently, the committee has sought broad input to create A National Green Building Research Agenda to focus attention on increasing research capacity and activity.

Grant Proposals will be accepted from February 12 through March 6, 2008, via <http://www.miracd.com/usgbc2008Grant/>. To view the Request for Pre-Proposal visit: http://www.usgbc.org/Docs/News/ResearchFund_RFPP_Feb4.pdf.

Questions about the research fund and the request for pre-proposals may be e-mailed to research@committees.usgbc.org.

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POSTGRADUATE POSITIONS AVAILABLE IN WOOD SCIENCE AT LAKEHEAD UNIVERSITY

Starting Date: Immediately

Main Topic Areas: wood properties and property mapping of under-utilized forest tree species, community studies for value-adding in the forestry sector, bio-products studies and portable milling technologies.

Funding packages available for Canadian and/or landed immigrants.

Contact: Dr. Mathew Leitch
Phone: 1-807-343-8659
Email: mleitch@lakeheadu.ca

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2008 UMAINE SUMMER FELLOWSHIPS

Greetings from Maine Forest Bioproducts Research Initiative (FBRI). We're offering research opportunities in forestry, resource economics, wood science, biology, chemistry, chemical and biological engineering. Students are welcome to join our work discovering forest and bioproducts solutions to climate and energy challenge.

For more information, please visit our website at www.forestbioproducts.umaine.edu/reu.php.

Thank you,
Megan Wolters and FBRI Team

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PROFESSORSHIP AT GOTTINGEN

The University of Göttingen invites applications for the position of a Professorship (W2) in “Wood Technology and Wood Composites” starting as soon as possible. The position will be available at the Burckhardt-Institute of the Faculty of Forest Sciences and Forest Ecology and will strengthen the research area of Forest products. Applicants should have an excellent record in the area of wood technology/wood composites. In particular, the research should cover the following areas:

- Innovative wood composites
- Wood adhesives /adhesive technology
- Structural analysis of wood composites

□ Alternative materials for composite production

The teaching duties for this position include courses in wood technology, wood composites and wood chemistry on the undergraduate and graduate level, within the program of study for the Faculty of Forest Sciences and Forest Ecology. Because of the international orientation of the study program and the number of international students, teaching will be in English (in addition to German). Applicants should hold a doctoral degree and have an outstanding teaching record. Appointment will be made by the university according to the laws of Lower Saxony (Niedersächsisches Hochschulgesetz Nds. GVBl. 5/2007, page 69). Further details will be provided on request. Applications by scientists from foreign countries, women and minorities are explicitly encouraged.

The University of Göttingen intends to increase the proportion of women in research and teaching, and hence strongly encourages female scientists to apply. Priority will be given to disabled persons with equivalent qualifications.

Applications with CV including publication list, reprints of the applicant's five most significant publications, description of accomplishments must arrive at the address below for review by the Faculty before February 29, 2008. Dean of the Faculty of Forest Sciences and Forest Ecology
Georg-August-University Göttingen
Prof. Dr. Reiner Finkeldey
Büsgenweg 5
D-37077 Göttingen
Germany
Tel.: +49-551-39 3401
Fax: +49-551-39 9629
Mail: dekanat.forst@uni-goettingen.de

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FACULTY POSITION IN SUSTAINABLE CONSTRUCTION

Instructor, academic year, tenure-track position in Sustainable Construction in the Department of Construction Management and Wood Products Engineering at SUNY- College of Environmental Science and Forestry, Syracuse, New York. The applicant will be expected to perform teaching, public service, and collaborate with faculty in research in sustainable construction, specifically in one or more of the following areas: life cycle analysis, building information modeling, sustainable wood-frame construction, environmental rating systems, and lean construction. The applicant is expected to develop new courses in sustainable construction as well as teach courses in support of our current construction management curriculum.

For more information about the position, the program, qualifications and how to apply, please see our full position description at www.esf.edu/hr/search.

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ASSISTANT/ASSOCIATE PROFESSOR – BUSINESS MANAGEMENT

The Department of Wood Science and Forest Products at Virginia Tech is seeking applications for the position of assistant/associate professor in the area of forest products business management. We seek a candidate who would develop and apply business management strategies to support domestically competitive and sustainable wood products businesses. 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 <http://www.woodscience.vt.edu/searchresources/>

Position Description: The tenure-track position will be at the Assistant/Associate Professor level and will be a 12 month appointment. The position will have responsibilities in engagement/extension programming and industry outreach (75%) and teaching/research (25%).

- The successful candidate is expected to work with the Virginia forest products industry and deliver programming focused on competitiveness of the industry.
- The successful candidate will develop a state, regional and nationally recognized engagement/extension program in forest products business management.
- The successful candidate will develop and deliver Continuing Education 'short-courses'
- Teaching responsibilities will initially include one undergraduate course in forest products business management.
- The successful candidate will be expected to work directly with the Virginia forest products sector, obtain extramural funding, publish in refereed journals, participate in local, regional and national meetings of professional societies, serve as major professor for graduate students, and serve on graduate committees.
- The position reports administratively to the Head of the department.

Qualifications:

- Candidates must have a Ph.D. in forest products, wood science, marketing, business management, operations management, or closely related field.

Candidates must be able to communicate effectively with people at all levels in university, industry, associations and private sectors.

Candidates must demonstrate the ability to build a successful program that is engaged with the industry in their area of expertise as it relates to business management and competitiveness of the industry.

Candidates at the Associate Professor level must have a demonstrated track record of success in extension or research, including the ability to articulate a coherent extension or research agenda and to identify potential funding sources to support such activities.

Preferred Qualifications: Candidates should have a history of collaboration with colleagues on and off campus, experience reaching out to business, industry and government agencies.

Candidates must demonstrate collegiality and the ability to be a good departmental, college, and university citizen.

Application: Application materials should include a current vitae, official transcripts for all degrees at all institutions, the names, addresses, phone numbers and email addresses of three

professional 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. All materials must be submitted electronically with exception of official transcripts, which must be mailed. Submit online at <http://www.jobs.vt.edu>, referring to posting No. 071303. Review of candidate files will begin February 1, 2008 and continue until a suitable candidate is identified.

Inquiries:

Dr. Brian Bond, Associate Professor and Search Committee Chair
Department of Wood Science and Forest Products
College of Natural Resources, Virginia Tech
Brooks Forest Products Center (0503)
Blacksburg, VA 24061
Phone 540-231-8752 or email bbond@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, veterans, 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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SAWMILL OPERATIONS SCIENTIST - VANCOUVER, BC

FPInnovations, the world's largest private not-for-profit forest research institute, with the goal of strengthening the Canadian forest sector's global competitiveness through research, knowledge transfer, and implementation, has an immediate opening for a Sawmill Operations Scientist within their Forintek Division.

Responsibilities include designing, planning, and performing research projects and contracts that improve the processing efficiency and profitability of the Canadian lumber manufacturing industry. As a recognized expert you will deliver practical science-based results that identify opportunities and solve problems related to planning, manufacturing processes, product recovery, and quality.

Qualifications include a graduate degree in engineering, wood processing, or a related field and a background in operations research, process modeling, and mathematical/statistical analysis; a solid understanding of the lumber manufacturing business and 5 to 10 years of relevant experience. The individual selected for this position will be a highly motivated self-starter, with strong project management and problem solving skills, and the ability to work effectively both

independently and in teams. Strong written and verbal communication skills are essential. Interested candidates should submit their resume directly by email to hr@van.forintek.ca.

http://www.forintek.ca/public/Eng/EE0-default_eng/EE0-default_eng.html

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SWST VISITING SCIENTIST PROGRAM.

The Society of Wood Science and Technology (SWST) is once again issuing a call for participation in the SWST Visiting Scientist Program.

Your institution may participate in two ways:

- 1) Host a Visiting Scientist. This generally consists of a visit by an expert of your choosing who is a member in good standing of SWST (see list below). The Visiting Scientist generally spends 1-2 days at your institution in talks, seminars, informal discussions etc....a great way to enhance your seminar series! SWST pays airfare; your institution picks up the lodging and meal expenses. To request the SWST share (airfare) of a visit, please fill out the "Request to Participate" form available on the website (www.swst.org) and return it to Vicki Herian, SWST Executive Director, prior to the actual visit. SWST reimburses for airfare following the visit, and asks for a short report of the event for our files and Newsletter.
- 2) Be a Visiting Scientist yourself! If you are not already on the SWST list of potential visiting scientists, sign up today!

I hope that you and/or your institution will take advantage of this great program! We have sufficient funds to support quite a few visits in 2008!

If you have questions about the program, please feel free to contact me.

Doug Stokke,
Chair, SWST Visiting Scientist Program Committee

Douglas D. Stokke
Iowa State University
Department of Natural Resource Ecology and Management
138 Science II
Ames, IA 50011-3221 USA
ph. 515-294-2115
fax 515-294-2995
dstokke@iastate.edu

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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

| | |
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| President: | James P. Armstrong |
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Wood and Fiber Science

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| Editor: | Frank Beall |
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| <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: chengo@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, Kevin Flynn, MS, Flynn & Associates, Wood Science & Technology
P.O. Box 805 El Cerrito, CA 94530 (510) 758-4686 Voice (510) 758-4893 Fax) 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., Manager - Lumber and Wood Science, Weyerhaeuser Company, WTC 2B2, P.O. Box 9777, Federal Way, WA 98063-9777, Phone: 253-924-6826, Fax: 253-924-4239, E-mail: jim.funck@weyerhaeuser.com

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

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: 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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