

SWST Newsletter

~ February 2010 ~



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Note from the Editor

Please note – The Society's address has changed!

SWST
P.O. Box 6155
Monona, WI 53716-6155
PH: 608-577-1342
Fax: 608-467-8979

SWST has a new Facebook page:

<http://www.facebook.com/group.php?v=wall&gid=258203093856>

You can also go to www.facebook.com, and then search "Society of Wood Science and Technology. Items for the April 2010 SWST Newsletter should be sent to me by the end of March - AdamTaylor@utk.edu

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Society of Wood Science and Technology (SWST) International Convention * October 11–15, 2010



Co-hosted by United Nations Economic Commission for Europe - Timber Committee (UNECE-TC)



* Role of Wood Science in the Green Building Movement

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

Banquet (fee required)

Tour of CERN, EPFL, Sauvabelin Tower (fee required)

- Session 1** Marchés pour l'usage du bois massif et des produits en bois d'ingénierie dans la construction verte
- Session 2** Bois innovateur et matériaux à base de bois et leur utilisation dans la construction soutenable
- Session 3** Session d'affiches/Compétition d'affiches d'étudiant(es)/Bar aux frais des participants
- Session 4** Conception structurale pour la construction durable et l'atténuation des sinistres
- Session 5** Le rôle de la nanotechnologie dans les matériaux verts et la construction durable
- Session 6** Codes du bâtiment et normes - influence sur des pratiques en matière matérielles de construction d'utiliser-et
- Session 7** Les défis actuels de la formation en sciences du bois

Banquet (aux frais des participants)

Visite du CERN, de l'EPFL et Tour de Sauvabelin (aux frais des participants)

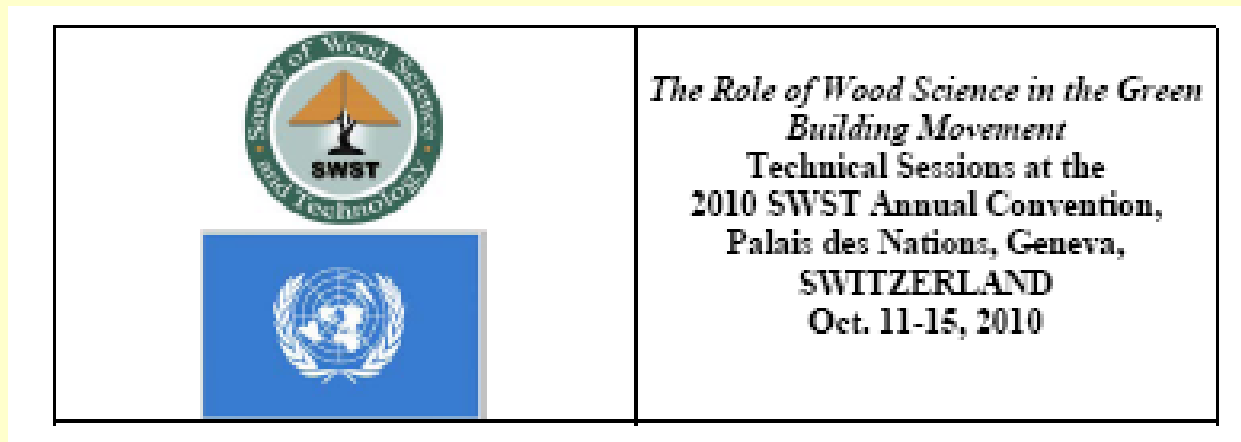
- Сессия 1** Рынки сбыта цельнодеревянных и специализированных деревянных изделий для применения в экологически чистом строительстве
- Сессия 2** Новаторская древесина и wood-based материалы и их польза в устойчивой конструкции
- Сессия 3** Стендовые доклады/студенческий конкурс стендовых докладов/платный бар
- Сессия 4** Проектирование экологически устойчивых сооружений и смягчение опасности стихийных бедствий
- Сессия 5** Роль нанотехнологий в создании экологически чистых материалов и сооружений
- Сессия 6** Строительные кодексы и стандарты - влияние на материальных практиках пользы и конструкции
- Сессия 7** Современные проблемы образования в области древесиноведения

Банкет (за дополнительную плату)

Экскурсия в Европейский Центр ядерных исследований (CERN), Федеральную политехническую школу Лозанны (EPFL) и на башню Совабелен, Tour de Sauvabelin (за дополнительную плату)

For more information, contact Victoria L. Herian, SWST, P.O. Box 6155, Monona, Wisconsin USA 53716-6155 USA
Phone 608-577-1342 Fax 608-467-8979 Email vicki@swst.org
Convention webpage: <http://www.swst.org/meetings/AM10>

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FINAL CALL FOR PAPERS : MARCH 1, 2010!

“The Role of Wood Science in the Green Building Movement”

The *Society of Wood Science and Technology* will hold its Annual Convention in Geneva, Switzerland together with our co-hosts the *United Nations Economic Commission for Europe - Timber Committee (UNECE-TC)*. This five-day meeting will be held October 11-15, 2010, and includes technical sessions on innovative wood and wood-based materials and their use in sustainable construction, the role of nanotechnology in green materials and sustainable construction, structural designs for sustainable construction and disaster mitigation, building codes and standards and their influence on material use and construction practices, markets for use of solid wood and engineered wood products in green construction, and current topics in wood science education. The final day will be a day-long tour of CERN and Ecole Polytechnique Federal de Lausanne and the Lausanne area. The UNECE Timber Committee meeting will be held October 11-15 with both concurrent and parallel sessions.

We invite submissions of ABSTRACTS for the seven sessions (see attached form):

❖ Session 1: Markets for use of solid and engineered wood products in green construction
Suggested topics include but are not limited to:

- Global and regional perspectives
- Influence of energy/climate change policy

❖ Session 2: Innovative Wood and wood-based materials and their use in sustainable construction. Suggested topics include but are not limited to:

- What properties define a green/sustainable material
- novel wood-based and composite building materials
- lignin-based adhesives
- use of solid and engineered wood products in sustainable construction
- durability and performance of novel wood-based materials

- ❖ Session 3: Poster Session/Student Poster Competition/Cash Bar
- ❖ Session 4: Structural design for sustainable construction and disaster mitigation Suggested topics include but are not limited to:
 - new multi-story designs for wood frame construction
 - designing for wind
 - designing for earthquake protection
 - deconstruction and reuse
 - renovation of existing structures
- ❖ Session 5: The role of nanotechnology in green materials and sustainable construction Suggested topics include but are not limited to:
 - cellulose nanofibers in green materials
 - nanoindentation to characterize material properties
 - how nanotechnology helps make a biodegradable material green
- ❖ Session 6: Policy Forum: Building Codes, Standards and Certification: influence on product development and demand for forest resources Suggested topics include but are not limited to:
 - role of forest in climate change - outcome of Copenhagen COP15
 - How changes in codes lead to changes in material demands
 - Influence of consumer interest in sustainable construction on building codes
 - The impact of green building programs on the demand for certified wood
 - Adequacy of current standards to measure sustainability of building materials
 - The role of life cycle analysis in development of codes and standards
 - Certification
- ❖ Session 7: Current challenges in wood science education Suggested topics include but are not limited to:
 - Bachelor-Master-PhD now in Europe - all problems solved?
 - Wood science education: a male domain
 - Accreditation - does it help?
 - How much "wood" do foresters need?
 - Continuous learning in wood science
 - New media in education

Approximately six abstracts will be selected for presentation at each of the 3-hour technical sessions. Abstracts not selected for Oral presentation will be accepted as Posters. All accepted Oral and Poster presentations will require a 4-8 page technical paper (Due August 1, 2010) 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, PowerPoint presentations, and written papers must be in English. There will be translation of oral presentations available at the convention in French, English, and Russian.

For further information on the session "*The Role of Wood Science in the Green Building*"

Movement" at the SWST 2010 Annual Convention in Geneva, SWITZERLAND, please contact: Susan Anagnost (seanagno@esf.edu). For further information on the SWST 2010 Annual Convention in Geneva, SWITZERLAND, contact Vicki Herian (vicki@swst.org) or see the webpages: <http://www.swst.org/meetings/AM10/>

MODEL FOR AN ABSTRACT

Abstract for Presentations at the SWST Annual Convention

Palais des Nations, Geneva, Switzerland, October 11-15, 2010

Susan E. Anagnost and Ed Pepke

An Abstract is required for all poster and oral presentations. Your Abstract will include the title, authors' names (capitalized surname), and body of text, key words and authors contact details (if authors are from more than one organisation, contact details for these can be included also). Using a standard industry word processor (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 Susan Anagnost (seanagno@esf.edu) with the email title "SWST Session Abstract". This "*Model for an Abstract*" serves to indicate how you should organise 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, and phone). Multiple addresses are used if there is more than one organisation - not just the senior author.

Your abstract must be received on or before March 1, 2010. If e-mail submission is not possible, please post/courier your Abstract on diskette or CD, together with a high quality printout to Susan Anagnost. 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.

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SWST 2014 INTERNATIONAL CONVENTION - CALL FOR PROPOSALS

SWST is issuing a Call for Proposals for co-hosting our 2014 International Convention. We will be holding it outside of North America and any interested person, company, or university that would like to co-host in their city please submit a proposal and contact Vicki Herian at SWST, One Gifford Pinchot Drive, Madison, WI USA 53726, PH: +01-608-231-9347, Fax: +01-608-231-9592, Email: vicki@swst.org.

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RECENT CORRIM ACTIVITIES

While we received the news that our Biofuel LCI grant proposal to DOE was accepted a month ago it took several weeks for confirming information to arrive and will take even longer to respond to the formal contract information that has not yet arrived. But the good news is we have a pipeline of work to.

Elaine Oneil as the new Executive Director has received very positive feedback on her many presentations during the fall of 2009. If there is a downside it is only that we have not turned over all the financial accounting activities to her yet since she has taken over many Lippke speaking chores.

We published a summary fact sheet (#5) of CORRIM findings tracking carbon from forest regeneration to product use and substitution earlier this year that many of you might have received, and just recently produced a companion fact sheet (#6) aimed more specifically at green product and green building improvement opportunities. Since communicating the multiple roles wood plays in storing carbon and displacing emissions is inherently complex, feedback +/- is welcome. We are beginning to develop our LCI information on forest residuals and other biomass potential for energy and encourage information sharing to the degree possible.

Bruce Lippke for Elaine Oneil

Past President, CORRIM

www.corrim.org

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BIOCOMP 2010 CALL FOR PAPERS

The 10th Pacific Rim Bio-Based Composites Symposium is scheduled to be held in Banff, Alberta, Canada in October of 2010. This e-mail is to alert you to a call for papers for this symposium. Abstracts are required by **March 15, 2010**.

The organizers are looking to put on an exceptional event in the beautiful and majestic Rocky Mountains. We look forward to your participation and involvement and you will be updated to any new information related to the event.

Please see the information on the website: www.biocomp2010.com

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CONFERENCE ON PROCESSING TECHNOLOGIES FOR THE FOREST AND BIO-BASED PRODUCTS INDUSTRIES

The Forest Products Society is co-sponsoring the 1st International Conference on Processing Technologies for the Forest and Bio-Based Products Industries on October 6-8, 2010 at Campus Kuchl in Austria, Europe. Learn more at <http://conference.fh-salzburg.ac.at/index.php?id=1>.

Call for Abstracts: Prospective authors are invited to submit abstracts online by February 15, 2010. The abstract (300-400 words) should emphasize the significance of the results and/or the originality. Abstract must include the paper title, all authors' and co-authors' names, affiliations, full addresses, email address, telephone, and fax of the corresponding author. Deadline is February 15, 2010. Submit your abstracts at <http://conference.fh-salzburg.ac.at/index.php?id=4>.

All papers will be rigorously reviewed prior to acceptance. The accepted papers will be included in the Conference proceedings, which will be available at the Conference and for worldwide distribution.

Conference Information: The 1st International Conference on Processing Technologies for the Forest and Bio-Based Products Industries is dedicated to the exchange of information and ideas about research on process technologies, quality control and process improvement. The conference provides a forum for discussions among researchers, producers, consumers of forest and bio-based products and acts as a catalyst for new research on process technologies, quality control and process improvement, and on new concepts for use by technical, operations and business managers. Learn more at <http://conference.fh-salzburg.ac.at/index.php?id=1>.

The 1st International Conference on Processing Technologies for the Forest and Bio-Based Products Industries is dedicated to the exchange of information and ideas about research on process technologies, quality control and process improvement. Learn more at <http://conference.fh-salzburg.ac.at/>.

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**RENEWABLE NATURAL RESOURCE FOUNDATION (RNRF)
CONGRESS, DECEMBER 8-9, 2009 AT THE U.S. GEOLOGICAL
SURVEY CENTER, RESTON, VIRGINIA**

Topic: Assessing America's Renewable Energy Future

As the SWST representative to RNRF, I attended the Congress with about 45 other delegates to learn about many renewable energy options, current scientific and operational impediments, and the most promising paths to commercial success. The meeting was chaired by Sarah Gerould, Senior Program Officer of the U.S. Geological Survey and leader of the RNRF Congress Program Committee. The objectives of the Congress included:

- Discussing the state of renewable energy in America including current federal programs.
- Providing an overview of each renewable energy alternatives' science and technology, environmental impacts, commercial barriers, and science needs.
- Presenting an interactive forum to discuss solutions for overcoming barriers including multi-party collaboration opportunities.

The stage was set with a presentation from Tom Darin, Office of Electricity Delivery & Energy Reliability, U.S. Department of Energy, "*The Federal Plan: Creating America's Renewable Energy Portfolio and Energy Distribution Overview.*" Following panels on wind, solar, hydroelectric, and geothermal energy; the panel most relevant to SWST on biomass included Tom Richard, Director of the Biomass Energy Center at Pennsylvania State University, Bill Hagy, Director of Alternative Energy Policy for USDA Rural Development, and Bill Holmberg, Chairman of the Biomass Coordinating Council, American Council on Renewable Energy. The RNRF website has links to all the speakers' PowerPoint presentations at <http://www.rnrf.org/2009cong/>. Important points of the discussion and recommendations by the attendees will be in a future report.

Howard N. Rosen
RNRF, SWST Representative

CONTACT: Vikram Yadama, vyadama@wsu.edu or 509-335-2262 or 335-6261

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WOOD-BASED BIOFUELS, BIOMASS & BIOENERGY:

OPPORTUNITIES AND CHALLENGES IN LOUISIANA

April 22-23, 2010, Baton Rouge, Louisiana.

<http://www.lfpdc.lsu.edu/woodbasedbiofuels>

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FIRST SERBIAN FORESTRY CONGRESS

Forestry Faculty of Belgrade University has the pleasure to invite you to participate in the International Scientific Conference “First Serbian Forestry Congress”, under slogan Future with Forests, to be held on 11-13 November 2010 in Belgrade, Serbia.

Additional information on the Conference could be found at: www.sfb.rs

We shall look forward to meet you in Belgrade in November 2010.

Kind regards,

- Prof. Dr. Milan Medarević - Chairman of the Organizing Committee
- Prof. Dr. Ratko Ristić - Dean of the Faculty of Forestry, Vice Chairman of the Organizing Committee

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2010 INTERNATIONAL WOOD COMPOSITES SYMPOSIUM TO BE HELD IN SEATTLE, WASHINGTON, USA

The 44th International Wood Composites Symposium will be held March 29-March 31, 2010 at the Red Lion Hotel on Fifth Avenue in Seattle, Washington.

Organized by Washington State University’s Composite Materials and Engineering Center (formerly known as the Wood Materials and Engineering Laboratory), the symposium is an industry-driven forum for producers, suppliers, and researchers to discuss the latest market developments and advances in wood composites technology. The Symposium was established in 1967 by Thomas Maloney, who was the director of WMEL for 22 years.

This year the symposium opens at 1 p.m. Monday, March 29, with a special session on Adhesives for Wood Composites that will focus on low emission adhesive technology and recent developments in bio-based adhesives. Featured talks include:

- Overview of green adhesives
- Low emitting UF resins
- Low temperature and rapid curing processing technologies
- New bio-based resin systems with no formaldehyde emissions
- Bio-inspired adhesive strategies for structural applications

“The adhesive session during the symposium will provide an insight into recent developments in

the area of bio-based and low emission resins for wood composites,” said Symposium Co-Chair Vik Yadama. “In addition, the opportunity to network with people you want to meet in the forest products industry is invaluable.”

On Tuesday, Keynote Speaker Lynn O. Michaelis, president of Strategic Economic Analysis, will address the “Road to Recovery for the Global Economy: Looking for Potholes!!” Dr. Michaelis previously held the position of Vice President of Marketing and Economic Research at Weyerhaeuser where he was a participant in the annual strategic reviews of each business. This role also included market research and competitor analysis. During 36 years with the company, Dr. Michaelis also managed the composite panels business for several years; led the initial scoping for entry into the OSB business; and led several special planning teams, including an Oregon sawmill optimization effort and scenario assessment of fine paper business. Dr. Michaelis has a PhD in economics from Washington State University and a BA in mathematics from the University of Utah. He is a past president of the National Association of Business Economists (NABE). Currently Dr. Michaelis serves on the board of directors of CINTRAFOR at the University of Washington and is a member of the National Business Economic Issues Council. Strategic Economic Analysis, LLC provides business managers with objective and informed insights about the future of the economy as well as specific industries. The firm’s primary focus is housing and forest products issues.

Tuesday’s agenda also includes the Technical Forum poster session and the evening banquet. Sessions continue on Wednesday morning and adjourn at 12noon.

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

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

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6TH INTERNATIONAL SYMPOSIUM ON WOOD STRUCTURE AND PROPERTIES

Dear colleagues and friends,

I would like to announce the 6th International Symposium Wood Structure and Properties '10, September 6-9, 2010, Podbanske, High Tatras, Slovakia organized under umbrella of the Technical University in Zvolen, Slovakia and IUFRO Division 05.01.00 – Wood Quality.

The aim of the Symposium is to present the recent knowledge in natural variation of wood properties, biological control of wood quality and its influence on final products, and to outline the trends of further development. The symposium should be of interest to researches, biological, forest and wood scientists, educators, students and manufactures in the field of wood and forest products.

Symposium session will address the following topics:

1. Biological control of wood properties
2. Wood structure and dendrology

3. Fundamental knowledge and variation of wood properties
4. Evaluation of wood quality and its influence on final products
5. Behavior of wood in technological processes

For further information please visit http://www.tuzvo.sk/wsp_2010 or contact:

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CALL FOR PAPERS: THE 4TH CONFERENCE ON HARDWOOD RESEARCH AND UTILISATION IN EUROPE

Sopron & Vienna, May 17-18 2010



University of West Hungary,
Faculty of Wood Sciences, Sopron



University of Natural Resources and Applied Life
Sciences, Vienna

Department of Material Sciences and Process
Engineering

Once again, we are inviting scholars and professionals to participate, present papers and posters at our Hardwood Conference.

The conference will feature international speakers, technical and poster presentations on various topics related to hardwoods, including:

- Structure and properties
- Quality and Sorting
- Drying and modification
- Processing & utilisation
- Biodegradation and preservation
- Hardwood in composite materials
- Product design and marketing

For more information and archive data (history of the event) please visit <http://hardwood.nyme.hu>

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**RESEARCH ASSOCIATE
DEPARTMENT OF WOOD SCIENCE
THE UNIVERSITY OF BRITISH COLUMBIA**

A full time Research Associate position is available with the Department of Wood Science at the University of British Columbia. The work concerns the biochemical aspects of the lignocellulose-to-ethanol/co-products bioconversion. The successful applicant will have a PhD in biochemistry, chemistry / wood chemistry or a related discipline and a minimum of five years post-doctoral experience in a related area. A strong background in the enzymology of cellulose/hemicellulose degrading enzymes, lignocellulose pretreatment and characterization as well as in monosaccharide fermentation is required. Additional requirements for this position include: 20+ publications in scientific journals, excellent communication and writing skills, ability to plan, supervise and carry on laboratory research work in collaboration with undergraduate, graduate students and co-workers. Industrial and proven international business-developing experience, management skills, and knowledge of foreign languages will be an asset.

A CV and 2 letters of reference should be sent to:

Genny Go
Department of Wood Science, University of British Columbia
2424 Main Mall, Vancouver, BC, V6T1Z4
E-mail: genny.go@ubc.ca

Information on the UBC Department of Wood Science can be found at www.wood.ubc.ca.

UBC hires on the basis of merit and is committed to employment equity. We encourage all qualified persons to apply; however, Canadians and permanent residents of Canada will be given priority.

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TWO MASTERS STUDENT RESEARCH ASSISTANTSHIPS AT LSU

Starting Date Changed to Summer 2010

(1) Project Name: Alternative Bio-based Paths to Prosperity for Small and Medium Agricultural Producers and Forest Landowners in the U.S. Gulf South: A Pilot Study in Louisiana and Mississippi

(2) Project Name: An Assessment of Bio-based "Green Jobs" in Louisiana

Dr. Richard Vlosky, Director and Professor, Forest Products Marketing Program/Louisiana Forest Products Development Center in the School of Renewable Natural Resources at Louisiana

State University is soliciting 2 candidates to pursue a M.S. degree with an emphasis in business, marketing and employment in the area of wood and agricultural bio-based energy and fuels to start Summer Semester 2010 (June). In addition to a 2-year graduate research assistantship (\$18,000/year), a 100% tuition waiver, subsidized medical insurance, and thesis research funding will be provided to the successful candidates. In addition, up to \$1,000 in page charges for refereed journal publications (with the candidate as first author) and all project-related travel expenses will be covered including giving a presentation at a national conference. The successful applicants must be highly motivated, able to work with minimal supervision, have a 100% command of English speaking and writing abilities, and enjoy working in a results-oriented environment.

Application Procedure:

Applicants must have taken the GRE (above 1100 preferred) and have the score available for the LSU application forms. In addition to the GRE, international students must have TOEFL or IELTS scores available UNLESS the applicant has a university degree from a U.S. institution or from a country where English is the primary language. All application procedures and application payment is made online at <http://appl003.lsu.edu/grad/gradschool.nsf/index>. International students can find additional information at: <http://www.oip.lsu.edu/iso/> You MUST be accepted by the LSU Graduate School before you can be considered by me for these assistantships.

IN ADDITION to your application to the LSU Graduate School, interested parties should email a Letter of Interest, a Resume, a copy of your unofficial transcripts, and a list of 3 references to: Dr. Richard Vlosky, Director and Professor of Forest Products Marketing, Louisiana Forest Products Development Center, email: rvlosky@agcenter.lsu.edu; phone: (225) 578-4527; fax: (225) 578-4251, 227 School of Renewable Natural Resources, Louisiana State University, Baton Rouge, LA 70803.

This should be done as soon as possible so I can review your credentials. Please indicate which project you are interested in working on for your thesis.

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GRA AT UNIVERSITY OF BRITISH COLUMBIA

There is an immediate opening for a qualified person interested in pursuing graduate studies leading to a M.Sc. degree in Wood Science (microbiology/protection).

The successful candidate should have a B.Sc. degree in Wood Science, Microbiology, Mycology or related field and be able to perform various lab duties including:

- Isolating fungi from wood, preparing fungal cultures grown on different media (liquid or solid) or treated with different physical treatments.
- Extracting DNA from different cultures and conduct PCR or RT-PCR as requested by the project leader.

- Maintaining fungal cultures and organize DNA samples and sequences collected from the analytical lab on campus or outside the campus.
- Assisting in analyzing and documenting the data

The student will be a member of a group working on a research project related to the use of dielectric heating for the pasteurization of wood and wood products that is currently funded by the Natural Sciences and Engineering Council of Canada. The GRA is for two years with possible extension if needed.

Interested applicants please send a detailed CV to Prof. Stavros Avramidis.

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ABOUT SWST

The SWST Newsletter is published six times a year by the Society of Wood Science and Technology, One SWST, P.O. Box 6155 Monona, WI 53716-6155 PH: 608-577-1342 Fax: 608-467-8979.

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.

E-mail: yherian@fs.fed.us

Web site: <http://www.swst.org>

Society of Wood Science and Technology

President: James Funck

Past President: Jerrold Winandy
 President Elect: Susan Anagnost
 Vice President: Todd Shupe
 Executive Director: Vicki L. Herian
 Directors: Vikram Yadama (2008)
 Robert Bush (2008)
 Steve Quarles (2009)
 Sheldon Shi (2009)

Wood and Fiber Science Editor: Frank Beall
 Newsletter Editor: Adam Taylor

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WOOD AND FIBER SCIENCE EDITOR'S QUARTERLY REPORT

From: Frank Beall

Date: 1 February 2010

Subject: Editor's Quarterly Report (**coincides with the publication of an issue**)

●42/1(January) has issued with 13 papers. We have 5 papers in review, 6 being revised after review, and 15 essentially completed or moving ahead to galley. The number of submissions has been irregular with Aug (2), Sep (9), Oct (11), Nov (4), Dec (1.2), Jan (2.2). (the 0.2 are Technical Notes)

- Technical Notes are now coming in at about 1 – 2 per issue.
- We have one book under review—Helmuth Resch's on R-F drying.
- CORRIM special issue. Of the 10 papers (1 was withdrawn from the original 11), 8 have been edited and 6 now posted as prepublications. The probable print publication date is March.
- Repeated below are the Impact Factors for peer journals in the past three years (each based on 2-yr citations); these are published about mid-year for the previous year. There is now a new 5-yr IF that may be a better measure of citations. (BioResources is too new for an IF rating).

	2006	2007	2008	5-yr
BioResources				
Cellulose	1.539	1.406	1.844	1.985
Holzforschung	1.014	0.811	1.278	1.336
Wood Science and Technology	0.74	0.691	1.460	1.570
IAWA Journal	0.667	0.687	1.000	1.176
Wood and Fiber Science	0.54	0.555	0.702	0.905
Forest Products Journal	0.387	0.351	0.550	0.669

- Publication Report (As reported previously, below is both historical and current information)

Issue	40/4 (Oct)	41/1 (Jan)	41/2 (Apr)	41/3 (Jul)	41/4 (Oct)	42/1 (Jan)
Articles	18	10	10	13	12	13
Pages	200	100	103	100	140**	119
Ave pub (mo)	9	6(7)*	6(4)*	5.6(3.5)	7.1(4.6)	5.6(4.5)

*Starting with 41/1, time to publication is: print (preprint). **Includes awards pages

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POTENTIAL SWST VISITING SCIENTISTS

ACDA, MENANDRO N., University of the Philippines Los Banos, Dept. of Forest Products and Paper Science, College, Laguna, Philippines 4031 (+63 49 536 3432) (FAX +63 49 536 3206)
email: mnacda@yahoo.com

Specialty: Termite biology and control.

Will Discuss Formally and Informally: Above specialty.

ANDERSON, MATTHEW, Wood Advisory Services, Inc. 3700 RT. 44, Suite 102, Millbrook, NY 12545 (845-677-3091) (FAX 845-677-6547) email: matt@woodadvisory.com

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_100.htm.); Eco-terrorism--Its causes and impacts.

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

BARNES, H. MICHAEL, Thompson Professor of Wood Science and Technology, 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 Treatments, Treatment Mechanics, Wood Deterioration & Preservation and Composite Durability.

BEALL, FRANK C., University of California Berkeley, College of Natural Resources, 1301 South 46th Street, Richmond, CA 94804 (510-665-3536) (FAX 510-665-3427)
email: frank.beall@nature.berkeley.edu

Specialty: Nondestructive evaluation of wood and wood-based materials.

Will Discuss Formally: Ultrasonics for NDE; Future of NDE; Use of project value assessment to evaluate the value of a research project; Program at UCFPL.

Will Discuss Informally: All of the above plus most topics in wood physics; Research management; Organization of research papers; The patent process.

BOWYER, JIM L., Director, Responsible Materials Program, Dovetail Partners, Inc., 528 Hennepin Avenue, Suite 202, Minneapolis, MN 55403 and Professor Emeritus, Department of Bioproducts and Biosystems Engineering, University of Minnesota, St. Paul, MN (651-490-7688) (FAX 612-333-0432)
email: jimbowyer@comcast.net

Specialty: Responsible consumption, environmental implications of biomaterials and bioenergy production and use.

Will Discuss Formally: Environmental aspects of forestry, timber harvest and wood use; Environmental life cycle assessment; green building programs; U.S. environmental policy; Responsible consumption; The role of wood in the growing bio-energy industry; environmental education of children; The tropical deforestation problem.

Will Discuss Informally: Almost anything.

BUSH, ROBERT, Professor, Dept. of Wood Science and Forest Products, Virginia Tech, Blacksburg, VA 20461-0503 (540-231-8834) (FAX 540-231-8868) email: rbush@vt.edu

Specialty: Forest products marketing and management

Will Discuss Formally: The marketing of forest products in the U.S.; Strategic decision-making in wood-based industries; New forest products marketing research in the U.S. and the United Kingdom.

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

BRYANT, BEN S., 4102-51st Ave., NE, Seattle, WA 98105 (206-522-6273) (FAX 206-522-6273)
email: fibrobb@hotmail.com

Specialty: How we can use the 5 elements of wood science (the mechanical, physical, chemical and biological properties of wood and wood structure and anatomy) to solve problems in wood technology and critically analyze new products as well as new building systems.

Will Discuss Formally: in two or more illustrated seminars—for grad students and faculty preferably—with handouts and outlines. These will emphasize the importance of understanding wood

anatomy and structure (including the submicroscopic nature of the cell wall).

Will Discuss Informally: Will ask students to try to critically analyze, in light of the above, at least 6 “new products” of my own invention and explain why more of them failed than succeeded to reach commercialization. (I’ll show samples of these and/or photographs and diagrams re how I used an understanding of wood science to develop these products. We will also discuss the reasons for failure and/or success of inventions coming from federal laboratories, academic laboratories and industry research departments (including machinery and resin suppliers), and summarize what general lessons can be learned from these case histories.

CHEN, ZHANGJING, DR., 506 Alleghany Street, Blacksburg, VA 24060 (540-231-4962)
(FAX 540-231-8868) email: chengo@vt.edu

Specialty: Wood drying.

Will Discuss Formally and Informally: Above specialty.

CHOW, POO, 2406 Burlison Drive, Urbana, IL 61801 (217-333-6670) (FAX 217-244-3219)
email: pchow@uiuc.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, Associate 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 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, Associate Professor, University of Missouri, 124 A-BNR, Columbia, MO 65211
(573-882-5191) (FAX 573-884-2636) email: cutterb@missouri.edu

Specialty: Tree growth, wood quality.

Will Discuss Formally: Eastern red cedar as a biogeochemical monitor; General tree growth;
Wood quality; Agroforestry.

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

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

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.

DOLAN, J. DANIEL, Dr., Professor, Washington State University, P.O. Box 642910, Pullman, WA 99164-2910 (509-335-7849) (FAX 509-335-7632) email: jddolan@wsu.edu

Specialty: Timber engineering; Structural performance; Wood mechanics; Connections.

Will Discuss Formally and Informally: All specialties.

FLYNN, KEVIN, Flynn & Associates, Wood Science & Technology, P.O. Box 805, El Cerrito, CA 94530 (510-758-4686) (FAX 510-758-4893) email: k_flynn@sbcglobal.net

Specialty: Wood performance; Problem analysis.

Will Discuss Formally: Durability; Degradation; Protection.

Will Discuss Informally: Any related issues.

FUNCK, JAMES W., Manager, Lumber & Wood Science, Weyerhaeuser Company, WTC 2B2, P.O. Box 9777, Federal Way, WA 98063-9777 (253-924-6826) (FAX 253-924-4239) email: 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, 208 AEWC Building, Orono, ME 04469 (207-581-2846) (FAX 207-581-2074) email: douglas.gardner@umit.maine.edu

Specialty: Wood adhesion; Wood composites.

Will Discuss Formally: Wood adhesion; Wood surface chemistry; Wood/plastic composites.

Will Discuss Informally: Anything.

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 .

GOODELL, BARRY, Ph.D., University of Maine, Wood Science and Technology Dept., 5755 Nutting

Hall, Orono, ME 04469-5755 (207-581-2888) email: goodell@umit.maine.edu

Specialty: Biodeterioration; Bioprocessing and bioconversion of wood.; Nanotechnology: Producing carbon nanotubes from wood; Biocomposites and polymer matrix composites: ComPRIS.

Will Discuss Formally: Any of the above topics as well as an overview of Wood Utilization Research (WUR) Center activities at the University of Maine or nationally.

Will Discuss Informally: Any of the above. See <http://woodscience.umaine.edu/goodell/> for more information on my research, or <http://www.woodutilization.org> for information on WUR.

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.

IFJU, GEZA, Department of Wood Science & Forest Products, Virginia Polytechnic and State University, 210 Cheatham Hall, Blacksburg, VA 24060-0323 (540-231-8215)

(FAX 540-231-8868) email: ifju@vt.edu

Specialty: Quantitative wood anatomy; Structure-property relationships.

Will Discuss Formally and Informally: Above specialty.

JAGELS, RICHARD, Professor, Department of Forest Ecosystem Science, University of Maine, 5755 Nutting Hall, Orono, ME 04469 (207-581-2884) (FAX 207-581-2889)

email: Richard.Jagels@maine.edu

Specialty: Wood structure; Wood quality.

Will Discuss Formally: Morphometric analysis applied to wood structure and wood quality studies; Wood analysis of wetsite archaeological finds.

Will Discuss Informally: Environmental influences on wood production and wood quality; Conservation of waterlogged wood; Technology transfer; Health hazards of wood.

JELLISON, JODY, Professor of Biology, University of Maine, 313 Hitchner Hall, Orono, ME 04469 (207-581-2995) (FAX 207-581-2969) 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., Endowed Chair-JELD-WEN, Oregon State University, Dept. Wood Science & Engineering, 104 Richardson Hall, Corvallis, OR 97331 (541-737-8422)

(FAX 541-737-3385) email: fred.kamke@oregonstate.edu

Specialty: Wood physics and composites.

Will Discuss Formally: Rotary dryers; Heat and mass transfer during flakeboard manufacture; Viscoelastic behavior of wood.

Will Discuss Informally: Heat and mass transfer in wood and wood products

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.

KLINE, D. EARL, Assistant Professor, Virginia Polytechnic Institute and State University,
Department of Wood Science and Forest Products, 210 Cheatham Hall, Blacksburg, VA 24061-0323
(540-231-8841) (FAX 540-231-8868) email: kline@vt.edu

Specialty: Industrial systems engineering of wood products processing and manufacturing;
Operations research; Process control and automation.

Will Discuss Formally: Computer simulation and optimization methods; Machine vision
applications in wood products processing; Artificial Intelligence applications in wood science.

Will Discuss Informally: Any of the above; Computer spreadsheet development for quality
control and process control; Computer programming.

LACHENBRUCH, BARBARA, Associate Professor, Oregon State University, Dept. of Forest
Products, 118 Richardson Hall, Corvallis, OR 97331 (541-737-4213) (FAX 541-737-3385)
email: barb.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.

LAMB, FRED M., Fred Lamb Consulting, Inc., 325 Tomahawk Drive, Christiansburg, VA 24073
(540-231-7256) (FAX 540-231-8868) email: fml195@vt.edu

Specialty: Wood processing; Furniture manufacturing processes.

Will Discuss Formally: Furniture manufacturing technology; Industrial noise; Wood machining
(Theory and Industrial Practices); Technology transfer (Theoretical Models and Current Practices).

Will Discuss Informally: Same as above; Lumber drying and wood deterioration.

LITTLE, ROBERT L., Armstrong Wood Products, 498 Salt Street, Winston-Salem, NC 27101
(336-406-1746) (FAX 336-703-1808) email: r_little@bellsouth.net

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)

email: jloferski@vt.edu

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.

MALONEY, THOMAS M., Retired, Washington State University, Pullman, WA 99164-1806 (509-335-4916) (FAX 509-335-5077) email: tmaloney@pullman.com

Specialty: Composition and composite wood products.

Will Discuss Formally and Informally: Any aspect of particleboard, flakeboard, fiberboard, and composites; The board industry in other parts of the world.

MARRA, ALAN, Professor (retired, University of Massachusetts), 444 Old Montague Road, Amherst, MA 01002 (413-549-6910).

Specialty: Wood gluing; Reconstituted products.

Will Discuss Formally: Wood technology in the forest enterprise; Technology in the glue line.

Will Discuss Informally: R&D in WS&T; Fiddling with education.

McLAIN, THOMAS E., Professor of Timber Engineering and Department Head, Oregon State University, 119 Richardson Hall, Corvallis, OR 97331-5751 (541-737-4257) (FAX 541-737-3385) email: Thomas.McLain.oregonstate.edu

Specialty: Engineering properties of wood and wood-based materials; Design of wood structures; Structural mechanical connections; Role of wood in modern society; Forest products/wood science academic, extension and research program administration.

Will Discuss Formally: Why Wood Engineering? The role of wood in modern society; Integrating extension in research and teaching; 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 (541-737-4222) (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.

O'HALLORAN, MICHAEL R., President, Western Wood Products Association, 522 SW 5th Street, Suite 500, Portland, OR 97204-2122 (503-224-3930) (FAX 503-224-3934) 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.

PARIDAH, MD. TAHIR., Associate Professor Dr., Universiti Putra Malaysia, Institute of Tropical Forestry and Forest Products, Serdang, Selangor, MALAYSIA 43400 (608-89472186) (FAX 608-89472180) email: parida_introb@yahoo.com

Specialty: Bonding of tropical wood and non-wood materials; Kenaf as raw material for composite products.

Will Discuss Formally: On MOU between UPM and host University: 1) establish student exchange program; 2) R&D collaboration..

Will Discuss Informally: Post graduate studies at UPM.

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, Mississippi State University, Forest Products Department, 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.

SMITH, BOB, Associate Professor/Extension Specialist, Virginia Tech, 1650 Ramble Road, Mailcode 0503, Blacksburg, VA 24061 (540-231-9759) (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, 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.

STOKKE, DOUGLAS D., Assistant Professor, Iowa State University, Dept. of Nat. Res. Eco. & Mgt., 339 Science II, Ames, IA 50011-3221 (515-294-2115) (FAX 515-294-2995) email: dstokke@iastate.edu

Specialty: Wood structure and properties, wood quality, light and electron microscopy.

Will Discuss Formally: Wood micro- and ultrastructure; Applications of microscopy to wood products research; Birdseye maple; Color analyses of wood products; SWST international visitation trip to China.

Will Discuss Informally: Microstructure of wood and polymer composites; Education in wood science and technology.

SUN, DR. RUN-CANG, Beijing Forestry University, College of Material Science and Technology, Beijing, CHINA 100083 email: rcsun3@bjfu.edu.cn

Specialty: Straw/wood fiber chemistry.

Will Discuss Formally and Informally: Utilization of straw fiber as novel materials for industries.

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

TICHY, ROBERT J., President, TM & I, 27013 Pacific Highway S, #179, Des Moines, WA 98198 (253-529-0900) (FAX 253-529-1326) email: bobtichy@msn.com

Will Discuss Formally: Nonresidential construction; Load and resistance factor design; Structural composites.

Will Discuss Informally: Above topics. Total quality concepts in R&D; Product and market development.

VLOSKY, RICHARD P., Director & Professor of Forest Products Marketing, Louisiana State University, LA Forest Products Development Center, School of Renewable Nat. Res., Baton Rouge, LA 70803-6202 (225-578-4527) (FAX 225-578-4251) email: vlosky@lsu.edu; website: www.rnr.lsu.edu/lfpdc

Specialties: Forest Products Marketing; Forest-sector Business and Economic development; eBusiness; Certification; International Marketing Development. Will Discuss all specialties formally or informally

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, 9227 Katzenbuechel Road, Mazomanie, WI 53560 (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.

WILCOX, W. WAYNE, 4830 Faber Road, Shingle Springs, CA 95682 (530-677-2280)

email: wayne@wwwilcox.biz

Specialty: Wood biodeterioration; Microscopical diagnosis of decay.

Will Discuss Formally: Nature and biology of wood decay; Wood-inhabiting fungi; Decay in wood structures due to design and construction deficiencies; Hawaii and pest control.

Will Discuss Informally: Teaching wood performance to architecture students.

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.

YOUNGS, ROBERT L., Professor, Department of Wood Science and Forest Products, VPI & SU, Brooks Forest Products Center, Blacksburg, VA 24061-0503 (540-231-7673)

(FAX 540-231-8868) email: ryoungs@vt.edu

Specialty: International forestry; Wood technology.

Will Discuss Formally: IUFRO and forest products research; Forest products and international development; Drying stresses in wood.

Will Discuss Informally: Any of the above; New developments in forest products; World forestry.

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

email: jzerbe@fs.fed.us

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.

