

Biographical Sketches and Photos of Authors



Mubarak Adesina

Mubarak Adesina is a graduate student of Civil and Environmental Engineering at Idaho State University. He received his Bachelor's degree in Civil Engineering from Federal University of Technology, Minna in Nigeria. His areas of interest include structural dynamics; Fluid mechanics; fluid dynamics and renewable energy studies.



Adesope Adeyinka Saheed

– born 26th November, 1978 to the family of ADESOPE. He is a PhD student at University of Ibadan, Nigeria. He is currently working as a wood Scientist at Forestry Research Institute of Nigeria where he is saddled with the responsibility of researching into utilization of wood and forest residue. The name can be pronounced 'ADESOAP'



Kojo Agyapong Afrifah

Lecturer
Department of Wood Science and Technology
Kwame Nkrumah University of Science and Technology
Kumasi, Ghana

Dr. Kojo Agyapong Afrifah is Lecturer at the Department of Wood Science and Technology, Kwame Nkrumah University of Science and Technology (KNUST), Kumasi, Ghana. His research interest include wood composites and wood machining. He has a BS. in Natural Resources Management, MS. degrees in Wood Technology and Management and Packaging and a Ph.D in Forestry from the Kwame Nkrumah University of science and Technology, Kumasi, Ghana and Michigan State University, East Lansing, USA.



Lawrence Olanipekun Aguda ,

A Wood Scientist at the department of Forest Products Development and Utilization, Forestry Research Institute of Nigeria. He obtained both his B.Tech. and M. Tech. at Federal University of Technology Akure and he's also a Ph.D. student in the same school. He's research area is Wood Physics and Wood Protection and he's currently working on the effectiveness of extractives from the heart wood of some lesser used species in West Africa as wood preservatives against Termites and Fungi attack.

How to pronounce my names. Aguda (Ah-gle- da) Olanipekun (All-la-nee-pec-cool)



Rick Bergman

Rick conducts research on the environmental impacts of wood products and bioenergy systems using life-cycle assessment (LCA). He has received his Bachelor's in Chemical Engineering and his Master's and PhD in Forestry from the University of Wisconsin-Madison. Rick received his PhD in 2012 that focused on evaluating the dynamics of GHG emissions on climate change when producing long-lived products. Rick helped updated the National Green Building Standard for 2015 and is helping update two structural wood products' LCAs for environmental product declarations.

Major research objectives include:

- 1) developing LCA data for wood products and for new bioenergy systems that make synthesis gas, biochar, briquettes, and torrefied wood,
- 2) developing an integrated LCA modeling tool for biofuel production from an ecosystem perspective
- 3) investigating the time value of carbon and associated GHG emissions related to forest management practices and the final disposition of wood products



Martin Brabec

University Affiliation: Mendel University in Brno, Faculty of Forestry and Wood Technology, Department of Wood Science, Zemědělská 3, 61300 Brno, Czech Republic

E-mail: martin.brabec@mendelu.cz

Title of poster:

Identification of the “Non-standard” Deformation Behaviour of European Beech and Norway Spruce during the Compression Loading

Educational field:

Ing. – Furniture Engineering, 2012

Degree being Pursued: Ph.D in a field “Wood Technology Processing”

Research field:

An investigation of mechanical properties of wood by full-field optical technique based on digital image correlation (DIC) within an international project “InWood”.



Nikki Brown

Nikki Brown



David Bueche

David Bueche, Ph.D. has over 35 years' experience in the construction industry. In addition to his hands on experience as a carpenter, superintendent, and project manager, he has been a research scientist at Colorado State University, taught college courses in construction management and forest products, was a field representative for APA – The Engineered Wood Association, and an applications engineer for the American Galvanizers Association. Dave is currently employed as a Marketing Representative by Hoover Treated Wood Products where he is responsible for the commercialization of Hoover's proprietary intellectual property. His efforts are focused on overcoming market obstructions and establishing acceptance of fire-retardant-treated wood innovations. He currently serves on ASTM, NFPA and UL Committees that develop standards on the performance of materials in fire and in building construction, and is a member of the International Code Council, the Society of Fire Protection Engineers, and the Society of Wood Science and Technology.



Kristian Bysheim

Kristian is a researcher at the Norwegian Institute of Wood Technology, where he specializes in market research for wood products, building information modelling and life cycle analysis. He has a bachelor's degree in economics and master's in forest business.



Joseph Chang

Joseph Chang has been a professor of forestry at LSU since January 1991. His major research interests are forest management, forest economics, forest policy, sawing optimization, and the reduction of carbon dioxide emissions. In addition to his teaching and research activities on campus, he has been serving as the editor of Forest Policy and Economics, associate editor of Journal of Forest Economics and Forest Ecosystems.



Wei-Yew Chang

Wei-Yew received his Master degree in agricultural Economics from National Chung-Shing University, Taiwan in 2000. He worked two years at Taiwan Forestry Bureau before he went to Canada to begin his Ph.D. study. Wei-Yew was awarded his Ph.D. degree in Forestry and Environmental Management from the University of New Brunswick, Canada in 2012 and now is a postdoctoral research fellow of forest products markets and economics in the department of wood science of the University of British Columbia, Canada. Working with Professor Dr. Chris Gaston, his current work involves in developing a dynamic global forest products trade model that considers forest product heterogeneity to examine the competitiveness of Canadian wood products on the world markets.



Hong Chen

Dr. Chen, a teacher in College of Furniture and Industrial Design, Nanjing Forest University, received a B.S. in Wood Science and Engineering, Anhui Agricultural University, both M.S. and Ph.D. in Wood Science and Technology, International Centre for Bamboo and Rattan. Her research interest is bamboo and composites made of bamboo for furniture. She has been actively involved in academic researches, some of which are national scientific research projects. And several papers have been published.



Luyi Chen

Luyi (pronounced like ‘Louis’ without an ‘s’ in the end) Chen is a second year PhD student in Bioproducts and BIOSystems Engineering Department at University of Minnesota. Currently she is working comparative Life Cycle Analysis of biomass derived polyethylene terephthalate bottles, which is a potential value-added co-product for the jet fuel biorefinery system developed by Northwest Advance Renewables Alliance (NARA). She works as a graduate research assistant in NorthStar Initiative for Sustainable Enterprise, with Professor Timothy Smith as her adviser.



Pablo J. Crespell

Pablo Crespell has been with FPInnovations for more than 7 years. He is a senior researcher in the business analysis group with a focus on nonresidential construction. Pablo leads research on next generation building systems looking at new developments, tracking statistics and trends, and developing capabilities of construction costs’ appraisal and competitiveness analysis for wood systems, including cross laminated timber and others. He is the author of numerous reports and interactive platforms on nonresidential construction, tall buildings, code impact assessment, opportunity wood bridges, demand for wood products, innovation challenges, etc. Pablo has led research in Norway and New Zealand and actively collaborates with several organizations around the world. He has a PhD degree in marketing of forest products from the Department of Wood Science at Oregon State University, a M.Sc. from North Carolina State University, and a bachelor’s degree in forest engineering from Southern University of Chile.

EXPERIENCE

Senior Researcher, Wood Building Systems

FPInnovations, Vancouver, Canada – 2008-present

- North American Market for Wood Tall Buildings: Floor Area, Cost benchmarking, Volumes
- Midrise Residential Construction with Wood
- Next Generation Living and Building with Wood: Building systems, effect on health of wood environments
- BC Benchmarking (Tracking the impact of Wood First): Wood volumes, carbon impact
- Use of value-added wood products in multifamily construction
- Market for timbers: logs, squares, industrial, residential, EWPs
- Timber bridges: Decking and structure
- Cross Laminated Timber: Manufacturing cost, construction cost competitiveness, LCA, market opportunity: US, Canada, New Zealand
- Wood Use Factors: Residential and nonresidential, wood bridges
- Construction Costs and Quantity Appraisal: Using commercial (RSMMeans) and proprietary tools.

- Demand opportunity assessment for different wood building systems (platform frame, post and beams, CLT, hybrid (e.g., CREE), post-tensioning
 - Wood Plastic Composites: Feasibility Analysis
 - Biopathways Construction: Opportunities for new products (e.g., wood-based insulation, multifunctional panels), residential and nonresidential
 - US CLT Handbook: Chapter 1.
 - Impact of energy code changes on insulation and assembly configuration: Impact on demand of wood (sheathing, framing) and non-wood products
- Senior Researcher, Genetics Division
Bioforest, Arauco Group, Chile 1995-2003

EDUCATION

PhD. in Forest Products Marketing

Department of Wood Science & Engineering at Oregon State University- 2007

M.Sc. in Forestry

North Carolina State University – 1998

B.S. in Forestry

Southern University of Chile – 1993



Peter Kessels Dadzie

Peter Kessels Dadzie is a Ghanaian trained and qualified professional teacher who has substantial knowledge in teaching of wood science and technology as well as management and costing related courses. Currently, I am a lecturer at the Interior Architecture and Furniture Production Department of Kumasi Polytechnic, Kumasi, Ghana, West Africa. I am committed to contributing to wood residue utilization towards growth and development of industry, and the preservation and sustenance of tropical forest ecosystem of Ghana. I am a member of the Society of Wood Science and Technology as well as the Forest Products Society, and have had the opportunity of attending and presenting some research papers at their annual conferences and conventions. At the moment, I have completed my PhD. studies at the University of Education of Winneba, Kumasi campus, Ghana, and awaiting my final viva and subsequent graduation. I am married to Mary-Ann Kessels Dadzie (Mrs.) with three lovely children: Philomena, Augustine and Thomas Kessels Dadzie.



Tuncer Dilik

Tuncer Dilik is Associate Professor in Faculty of Forestry, Forest Industrial Engineering Department at Istanbul University. He has a M.Sc. on “Investigations on Hardware Production Sector for Furniture and Building Elements in Turkey and Its Problems” from Istanbul University. His Ph.D is “The Production of Laminated Window Profiles and The Determination of Some Quality Properties” from Forest Industry Machinery and Administration Unit in Istanbul University in 1997. He has articles in academic and trade journals for the forest products industry. His current areas of research are furniture constructions, wood machining and wood surface treatment. He has been a member of Union of Chambers of Turkish Engineers and Architects, Chamber of Forestry Engineers and Turkish Forest Industry Engineer Association.



Patrick Dixon

Patrick Dixon is a third year graduate student in the Department of Material Science & Engineering at MIT. He is currently working on a structural bamboo project with Professor Lorna Gibson. His research interests include modeling the mechanical properties of wood and wood products, electron microscopy, and timber structures.



Arya Ebrahimpour

Arya Ebrahimpour is a professor in the Department of Civil and Environmental Engineering at Idaho State University. His research interests include experimental and analytical studies in floor vibrations, seismic analysis of bridges, and applications of advanced materials in structural engineering.



Charles Warren Edmunds

Warren Edmunds received his Bachelor's and master's degrees from the University of Tennessee in The department of Biosystems Engineering. He is a doctoral candidate at North Carolina State University in the department for Forest Biomaterials, and is currently completing his graduate research at the Department of Energy's National Renewable Energies Laboratory. His research interests include physical and chemical properties of sustainable materials, pretreatments, and biofuel/biochemical conversion processes.

E. Seda Erdinler

is Assistant Professor in Faculty of Forestry, Forest Industrial Engineering Department at Istanbul University . She has a M.Sc. in Wood Mechanics from Istanbul University. She earned a PhD in CAD Systems and Applications in Turkish Furniture Industry from Forest Industry Machinery and Administration Unit of Istanbul University in 2005. She has written refereed articles in academic and trade journals for the forest products industry. Her current areas of research include the application of CAD systems on wood products manufacture and wood surface treatment methods. She has been among editorial staff of Journal of the Faculty of Forestry between 2006-2014 and is now language editor of the journal. She is Vice Chair of Forest Industrial Engineering Department of Istanbul University since 2013 and is a member of Forest Products Society.



Per Otto Flæte

Official position and status

Senior Researcher

Date of birth, nationality

19.03.1968, Norway

Institution and department

Norwegian Institute of Wood Technology, Material and processes, PO Box 113 Blindern, NO-0314 Oslo, Norway

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Fax

+47 22604291

E-mail-address

per.otto.flate@treteknisk.no

Academic Education

M.Sc. (Cand. Agric.) Norwegian University of Life Sciences (1996)

Scientific Degrees

Dr. Scient. Norwegian University of Life Sciences (2007)

Scientific Career

2009 – Senior researcher, Norwegian Institute of Wood Technology

1996 – 2009 Research officer, Norwegian Forest and Landscape Institute

Scientific activities

1996 – Research projects on wood technology/wood protection systems/environmental issues related to wood utilization.

Hobbies

Telemark skiing

Moose and deer hunting



Weixing Gan

EDUCATION

B.A. Central South University of Forestry and Technology 1982- 1982

Major: Wood Science and Engineering

Postgraduate Certificate Hunan University 1999- 2001

Major : Economics and Management

Ph.D.(In Reading) Central South Univ. of Forestry and Technology 2010-present

Major: Wood Science and Technology

EXPERIENCE

Professor, 2011-present

Senior Engineer, 2004-2010

Department of Wood and Technology

College of Forestry Guangxi University, Guangxi, Nanning, 530004

Provides research and teaches as a member of the departmental faculty. Since presided over Natural Science Foundation of China, the National Forestry Public Welfare Industry Scientific Special Project, the Central Government Finance Project, Guangxi & Nanning Science and Technology Department Projects, Guangxi Forestry Department for a total of 16 Research Projects for 17 million Yuan, published 18 research papers and applied for 10 invention patents(5 of which was authorized). Since the 1990s, the professor has developed a series of products based on OSB, Bamboo-wood alloy, environment-friendly wood adhesive, sliced thin veneer processing and facing technology based-on plantation timber and helped enterprises successfully apply a number of national and regional technology renovation projects. Guided the postgraduates to accept successfully four Innovative Fund Projects of Guangxi and undergraduates to accept successfully ten Innovative experimental Projects (four of National Class and six of Guangxi University) from 2007 to 2014.

Guided Courses: Technology of Wood Panel Production, Technology of Bamboo Plywood, Wood Processing Chemistry, Wood Processing Technology Monograph, Adhesive and Coating, Adhesion and Adhesive, etc.

Head Engineer, Technical Director, Senior Engineer, 1996-2003

Engineer, 1988-1996
Assistant Engineer, 1984-1987
General Timber Corporation of Yueyang City, Hunan Province

Presided over the establishment of the Hunan Changjiang Wood Industrial Co., Ltd. (total investment of six million U.S. dollars, annual output of 50000 m³ plywood), independently designed and founded Yueyang Meilin Resin Company (total investment of 300 million Yuan, annual output of 10,000 tons of wood adhesive, 200 tons of chloroprene adhesive); and hosted a number of corporate research projects, such as series of wood adhesive, OSB railway sleeper and flame retardant composite panel.

Technician, 1982-1984
Wuhan Bedplate Furniture Factory

Had two years` working experience in timber mill, equipment workshop and technique section of factory as a technician, and attend a Japanese training course and the course of furniture equipment introduction for one year.

PRINCIPAL RESEARCH AREAS

- Wood Adhesives
- Engineered Wood Products

OFFICES HELD

- Professor, Research Scientist, 2011-present, College of Forestry Guangxi University,
- Senior Engineer, 2004-2010, College of Forestry, Guangxi University
- Director , Research Center of Structural Panels Engineering Technology with High-quality based on Biomass Waste Preparation, Guangxi
- Consultant, Project Evaluation of Guangxi Science and Technology Department
- Scientific & Technological Commissioner, Guangxi Sci. & Tech. Department



Zahra Ghorbani

My academic experience is diverse; I have done my Bachelor of Architecture at Soure University of Art and Architectural- Tehran- Iran, and my Master of Graduate Architectural Design from Bartlett School of Architecture- University College London-UK. Now, I am doing Master of Science in architectural studies at the University of UT, USA.

After my bachelor, I focused on my professional career, starting with Setec representative in Tehran in 2004. The Setec was a consultant of the Tehran Tower, the tallest residential tower in Iran. After two years, contributing to both design and executive team in Tehran Tower, I got an offer to work for Gueno, a consultant engineers company that is top 5 architectural firms in Iran. Over four years working in Gueno, I worked on various stages of the different kinds of projects such as residential, commercial, hotels, and metro station. After six years professional experience, my personal goal that is teaching and researching in an academic center, made me think seriously about pursuing my education. It pushed me to apply for master of architecture in Bartlett as one of the best architecture schools in the world. We focused, on a better understanding of the computational design in adaptive architecture and digital fabrication that will fundamentally change the shape of architecture in the line with the built environment. So my

focus shifted away from more traditional models of design that formed my MSAS research: Integration of Post-Tensioned Heavy Timber and Smart Architecture in Construction Practices; Easy Assembly.

Victor Grubii

Victor Grubii, is currently completing his Master program in Wood Technology at Luleå University of Technology. Previously, he obtained a bachelor degree in Wood Processing Engineering at University “Transilvania” Braşov, Faculty of Wood Engineering in 2013. During wood science and technology education, the main focus was set on wood properties activation and use of available technology to expand the use of wood as a raw material for final products.



Zhengbin He

Zhengbin HE is a scientific and precise academic wood science and technology scholar, major in wood drying, wood thermal modification. He graduated from Beijing Forestry University and got his bachelor's degree, master's degree and doctor's degree from the same school. He started work at the College of Material Science and Technology of the university when he got his doctor's degree last year.



Yuxiang Huang

EDUCATION:

Sept. 2013-Now: College of Materials Science and Technology, Beijing Forestry University, Doctor of Engineering

Sept. 2010-June 2013: College of Materials Science and Technology, Southwest Forestry University, Master of Engineering

Sept.2006-June 2010: College of Materials Science and Technology, Northeast Forestry University, Bachelor of Engineering

PUBLICATIONS:

1. “Thermal and structure analysis on reaction mechanisms during the preparation of activated carbon fibers by KOH activation from liquefied wood-based fibers”, *Industrial Crops and Products*. 2015, 69 447-455
2. “Creep of wood beams and its relationship with hygroscopic expansion in varying humidity”, *China Wood Industry*. 2013, 27(3) 9-12.

3. “Static bending creep of solid wood beam under different moisture conditions”, *Journal of southwest forestry university*. 2013, 33(6) 80-83.

HONORS:

1. Champion of men’s singles badminton in Beijing Forestry University 2013
2. Outstanding Master’s Thesis in Southwest Forestry University 2013
3. Runner up of E-sport games in Southwest Forestry University 2012
4. Outstanding graduates of Northeast Forestry University 2010
5. Natural Floor Scholarship 2009
6. First Prize Scholarship for 3 time 2006-2009 (1/30)

SPORTS:

Dancer, Captain of Northeast Forestry University Modern Dance Team 2009



Thanh Huynh

I am a Dual M.S. student from Oregon State University with the College of Civil and Construction Engineering and Wood Science Engineering. I have been working my research project under the advisory of Dr. Thomas Miller, Dr. Rakesh Gupta, and with cooperation from Modern Building Systems Inc. (MBS). MBS is a firm which specializes in the design and construction of light-framed modular structures that is widely used along the western region of the U.S. The project was to use a practical modeling technique based in SAP2000, which was developed and modified by past generations of researchers, to create a working model to study the behavior of load paths due to lateral loads (wind). My specific contribution was to look at how to model sub-floor systems and to determine the effects that varying foundations have on load paths of geometrically regular structures.



Changle Jiang

Education:

West Virginia University, PhD student, 2014-present
Northeast Forestry University, China. M. S. 2014
Anhui Agricultural University, China. B. S. 2009

Research Experience:

September 2008 - July 2009, Undergraduate Research Assistant, Department of Wood Science, Anhui Agricultural University, Hefei, Anhui, China

August 2009 - August 2011, Research Technician, Department of Bio-based Materials, International Center for Bamboo and Rattan, Beijing, China

September 2011 - July 2014, Graduate Research Assistant, Department of Bio-based Materials, Northeast Forestry University, Harbin, China

August 2014 – present, Graduate Research Assistant, Division of Forestry and Natural Resources, West Virginia University, Morgantown, West Virginia, USA

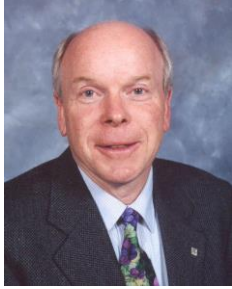
Current Research Interest:

Cellulose-copper nanocomposite for antimicrobial application

**Jinxue Jiang**

Jinxue Jiang is a graduate student working towards the doctoral degree in material science and engineering at Washington State University. His current research activities focus on deconstruction of recalcitrant wood cell wall toward producing enzyme susceptible substrate with mechanochemical approaches and mechanistic understanding of multi-scale structural and physicochemical disruption of wood cell wall. These works will generate fundamental insight into biomass recalcitrance and help build up economic viable distributed sugar depot, which produces intermediate sugar with facile green process. He earned both his master and bachelor degree in wood science and technology from Beijing Forestry University, China.

**Jerome Johnson**



Bob Knudson

FPInnovations, Forest Operations and Wood Products Division

Bob is Research Leader for Engineered Wood Products Manufacturing and has 40 years of industrial research and development experience in the forest industry. Bob joined the FPInnovations, Forest Operations and Wood Products Division team in 1998. He received a PhD in Wood Science & Technology and a Master of Science in Wood Science & Technology from the University of California, Berkeley, and a Bachelor of Science in Wood Science & Technology from the University of Illinois. His areas of expertise include developing new products and processes (inventor with numerous patents in OSB, MDF, particleboard, plywood and engineered wood products), implementing technology transfer to industrial operations and recommending and implementing process and product improvements based on technical data and business needs.



K. Huseyin Koc

K. Huseyin Koc is Professor in Faculty of Forestry, Forest Industrial Engineering Department at Istanbul University. He has a M.Sc. “Raw Material Optimization In Forest Products Industry” from Black Sea Technical University, the Institute of Social Sciences. His Ph.D “Computer Integrated Manufacturing System and Its Application in Forest Products Industry” from Istanbul University in 1993. He has numerous articles in academic and trade journals for the forest products industry. His current areas of research are Quality Control, NC-CNC manufacturing processes, Process Management. He has been a committee member of State Planning Organization (SPO) 8. Development Plan Forest Products and Furniture Industry, Commission Member of Faculty of Forestry Accreditation Commission 1996-199 and Committee Member of Republic of Turkey Small and Medium Enterprises Development committee, 2005-2007. He was director of Istanbul University Faculty of Forestry Vocational School between 2005-2008. He is a Committee Member of Istanbul University Academic Evaluation and Quality Development committee and strategic planning committee, Union of Chambers of Turkish Engineers and Architects, Chamber of Forestry Engineers and Turkish Forest Industry Engineer Association. He is actively working in Istanbul University Regulations and Directive Committee since 2011.



Andreja Kutnar

Andreja Kutnar



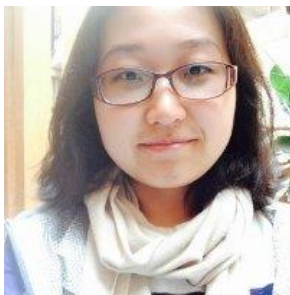
Magnus Larsson

Magnus Larsson was born in 1960 and lives in Sweden. He has a MSc in Forestry from 1985 and a Forest licentiate in Forest Management Planning from 1994. Magnus has 25 years of practical experience from the forest industry in SCA, one of the largest forest industry companies in Europe. Most of this time he worked as Manager for the Forest Management Planning section, but also as Manager for Strategic Purchasing. He is currently undertaking graduate studies in a Supply Chain Management project at The Swedish Forest Research Institute, Skogforsk. He is registered as a PhD student both at the Swedish University of Agricultural Sciences and at the Mid Sweden University.



Jie Li

My name is Li Jie. I am a graduate student from Beijing Forestry University. My motto is where there is a will, there is a way. Wish you a happy life!



Luyi Li

I work with Prof. Eric Turnblom at School of Environmental and Forest Sciences, College of the Environment, in University of Washington. For my M.S. program at SEFS, my focus was on wood quality assessment, analyzing potential effects from soil parent material and nitrogen treatment. I also join in research programs across Pacific Northwest implemented by Stand Management Cooperative at University of Washington, specialized with Coastal Douglas-fir and western hemlock. I earned my bachelor degree from College of Forestry, Beijing Forestry University in 2012. During my undergraduate years, I traveled and studied northern and southern forest along east coast of China. I have a wide range of interests in tree and forest growth, silvicultural practices, forest economics, green building, forest certification, urban forest, landscape architecture, etc.



Bruce Lippke

Professor Emeritus, School of Environmental and Forest Science, U. of Washington. President Emeritus CORRIM (The Consortium for Research on Renewable Industrial Materials), a 14 University research consortium analyzing every environmental impact from using wood.

blippke@uw.edu www.ruraltech.org www.corrim.org



Shupin Luo



Paige McKinley

Bio: Paige McKinley has an undergraduate degree from Virginia Tech in Wood Science and Forest Products. Now she is working on her master's degree at Oregon State University in Wood Science and Engineering under Dr. Fred Kamke and Dr. Ari Sinha. Her project is focused on researching the moisture durability of wood composite products, from the macro, to micro, to nanometer scale.

Paige



Jaromír Milch

Ing. Jaromír Milch
Department of Wood Science
Mendel University in Brno
jaromir.milch@mendelu.cz

Educational field: Ing. – Wood Engineering, 2012; Current position: Ph.D student on Department of Wood Science at Mendel University in Brno in a field “Wood Technology Processing”. Membership: a team member of project “Design and Assessment of Timber Joints of Historical Structures”. I am focusing on investigation of mechanical behaviour of timber joints by FEM technique.



Zach Miller

Zach Miller was born in Asheville, North Carolina. He got his B.S. in Environmental Technology with a minor in Environmental Toxicology at NC State University in 2010. He received his M.S. in Forest Biomaterials also from NC State in 2013 and continued on to a Ph.D. in Forest Biomaterials with a National Needs Fellowship.
Pronounce: Zack Miller



Claire Monot

Claire Monot (do not pronounce the “t” at the end) has a master degree from the National School of Wood Science and Timber Engineering (ENSTIB) in France. She is specialized in natural fibrous materials. She is currently working as a PhD student at Grenoble Institute of Technology in France on the development of sulfur-free cooking in pulp and paper biorefineries.



Jun Mu

Dr. Jun MU is associate professor in College of Material science and Technology at Beijing Forestry University. She received a Ph.D. in Bio-production science from the united Graduate School of Agricultural Science, Tottori University in 2004 in Japan. Her research emphases include wood composites, biomaterials pyrogenation and packaging materials.



Dodi Nandika



Elisha Ncube



Massih Nilforoushan

Massih Nilforoushan was born in Esfahan, Iran. After he acquired his Bachelor of Science in Architecture at Art University of Tehran, he moved to the U.S. IN 2013 and got his Master of Architecture at University of Utah. Currently he is achieving his Master of Science in building technology at University of Utah, where he also works as research assistant.



Min Niu

Min Niu was born in 1982 in China. Her major is Wood Science and Technology. She has been working for Fujian Agriculture and Forestry University after she got a doctorate from Beijing Forestry University in 2011. She is in the team of Prof. Yongqun Xie, studying ultra-low density fiberboard used for building insulation materials and package buffering materials using a mechanical foaming method. In this project, cellulose fibers are used as raw material; inorganic mixture is used as the filler to improve fire properties, mechanical properties and fungus resistance of the materials. Now, she as a post doc is working for Luleå University of Technology in Sweden to develop this type of bio-based insulation materials.



Robert Ogbanje Okwori

is presenting awaiting external assessment to Associate Professor of Industrial and Technology Education (Wood Technology). He is in the Department of Industrial and Technology Education (Wood Technology section) of Federal University of Technology, Minna, Nigeria. He was the Head of Department of Technical Education, Federal College of Education, Pankshin, Plateau state, Nigeria from 2002 to 2006. He was appointed Postgraduate Coordinate of Industrial and Technology Education Department, Federal University of Technology, Minna, Nigeria from 2011 to 2014. Thereafter, he was elected Deputy Dean of School of Science and Technology Education of the

above university. He teaches wood technology courses as well as industrial and technology education courses. Dr Okwori had B.Ed (Hons) Woodwork Technology from Ahmadu Bello University, Zaria, Nigeria in 1991, Master degree (M.Ed) Industrial Technical Education (Wood Technology) from University of Nigeria, Nsukka in 2003 and Ph.D Technology Education (Wood Technology) from Abubakar Tafawa Balewa University Bauchi, Nigeria in 2009. He won National Commission For Colleges of Education research grant in 2000 and Education Trust Fund research grant in 2009. He has publications in both local and international journals. He is the Vice President 1, Nigerian Association of Teachers of Technology and has been participating actively in local and international conferences. He has written text books, co-authored textbooks in the area of wood science and technology and, industrial and technology education.



Dr. Oluwadare Abiodun Oluwafemi

Dr. Oluwadare Abiodun Oluwafemi is a graduate of Forest Resources Management from University of Ibadan where he equally obtained his PhD in wood products engineering with interest in Pulp and paper. I worked briefly at the Federal Institute of Industrial Research, Oshodi before I joined the University in 1998. I equally have the opportunity to be at Lakehead University, Thunder Bay, Canada for further training. I am currently working in the area of bioenergy development from kraft spent liquor and lesser-used-oil bearing trees.



Rajat Panwar



Pamela Rebolledo-Valenzuela

City of origin: Talca, Region of Maule, Chile
Profession: Wood Industries Engineer

Current activity: PhD student and assistant research at Université Laval, Québec, Canada

Academic information:

PhD student in wood science at Centre de recherche sur les matériaux renouvelables, Université Laval. Ville de Québec, Canada. Beginning date : October, 2013

Masters of Science and Technology of Wood, Universidad del Bio Bio, Concepcion, Chile. Graduation date: 2014

Wood Industries Engineering, Universidad de Talca, Talca, Chile. Graduation date: 2009



Jussi Ruponen

(M.Sc. in wood technology) started in teaching and research duties at Aalto University School of Chemical Technology at the Department of Forest Products Technology in 2009. The duties included so far the roles of a responsible teacher and an assistant as well as doctoral studies. The doctoral studies concentrate on self-bonding of wood, including for instance property characterization of self-bonded plywood and linear-friction welded massive birch wood as well as studies to improve the moisture tolerance of such bondings through thermal modification.

Pronunciation hints for my name:

(i) PRONOUNCED: YOOS-see (<http://www.behindthename.com/name/jussi>)

(ii) <http://www.sci.fi/~kajun/finns/Samples/jussi.wav>

(iii) or [jʊssi rʊpʊnɛn] according to http://en.wikipedia.org/wiki/Help:IPA_for_English



Dr Dick Sandberg

is chaired Professor of Wood Science and Engineering at Luleå University of Technology in northern Sweden, specialising in using new measurement technology, advanced information processing and wood communication from felling to finished product. His research covers material properties, wood scanning technology, wood machining and wood production systems including studies of the connections between different links in the forestry-wood chain. He has a background as specialist and manager of several companies in the wood industry sphere and the former Swedish Institute of Wood Technology Research. He is also active in many professional organisations and is current involved in the development of Engineered Wood and Biobased Building Materials Laboratory, a collaboration between Royal Institute of Technology KTH, SP Technical Research Institute of Sweden, and Luleå University of Technology.



Tobias Schauerte

Tobias Schauerte is originally from Germany but now working as an associate professor in industrial engineering and marketing at the faculty of technology at Linnaeus University in Växjö, Sweden. After his PhD study in 2009 on end-user analysis for wooden houses, he moved his main area of interest in research towards firms producing wooden houses. Here, he and his colleagues investigate in aspects like production efficiency, risk positions, corporate financial distress, business models and strategies on organizational and industry level. He is main organizer of the international conference “Forum Wood Building Nordic” in Sweden and part of the Forum Holzbau organization, offering 8 wood related international conferences annually in Central Europe.



Kate Semple

Originally from Australia, Kate Semple has been working at the University of British Columbia, Department of Wood Science as a research scientist on a range of different wood composite related projects since 2003. She completed a PhD in the field of ‘Australian plantation species for the manufacture of low cost cement-bonded wood building materials in developing countries’. Subsequent research projects have included assessment of particleboard quality across mills in Canada, core modification of particleboard to improve stiffness and fastener holding capacity, experimental robot-formed oriented strand board (OSB) to optimize strand alignment parameters, use of clonal poplars in OSB, surface modification of OSB to enhance moisture resistance, hollow honeycomb core sandwich panels. Dr Semple is currently Research Coordinator (UBC) on a G8 Tri-Council (UBC, MIT, Cambridge University) project on Structural Bamboo Products.



Todd Shupe

Todd Shupe is a Professor at the Louisiana Forest Products Development Center, School of Renewable Natural Resources at the Louisiana State University. He received a B.S. with honors and M.S. in forestry and wood science, respectively, from the University of Illinois and a Ph.D. in wood science from Louisiana State University. Todd has published over 200 articles in refereed outlets and garnered over \$3 million in grants and contracts. His principal areas of research interest includes recycling of preservative treated wood into value-added engineered wood products, novel chemical extraction procedures for decommissioned preservative-treated wood, and wood durability assessment. He has been awarded two US patents and another is pending. Todd has been honored as a Fellow in both the International Academy of Wood Science and the Institute of Wood Science. He has served as President of the Society of Wood Science and Technology (SWST). He is a past chair of the Forest Products Society (FPS) MidSouth Chapter and currently serves FPS as a Regional Board Member. Todd is the Director of the LSU Wood Durability Lab, which is an ISO/IEC 17025:2005 accredited lab by International Accreditation Service (IAS). He currently serves on the Editorial Board of the Journal of Wood Science for the Japan Wood Research Society.



Philipp Sommerhuber

Origin: Austria

Workplace: Thünen Institute of Wood Research, Hamburg - Germany

Philipp is an Early Stage Researcher (ESR) and PhD student in the Marie Curie Initial Training Network project called CASTLE. The overall topic of the project is about sustainability impact assessments of the bio-energy and forest-based sector in Europe.

He studied at the University of Natural Resources and Life Sciences (BOKU), Vienna and holds a Bachelor's (Bakk.techn.) and a Master's degree (Dipl.-Ing.) in Environmental Resource Management. During his years at the university, he was working on various topics in the fields of Sustainability Impact Assessment (SIA), Geographical Information System (GIS), cascade use potentials of wood, biofuel systems and waste management affiliated areas. Beside his studies, he did internships in forest and renewable energy sectors.

After graduating from university he was working as a Sustainability Consultant with a focus on Environmental Product Declarations (EPD) by conducting Life Cycle Assessments (LCA) for various building products.

His studies within the CASTLE project is focused on an economically and technically feasible and environmentally improved product design of Wood-Plastic Composites (WPC), based on LCA and technical considerations.



Matti Stendahl

Matti Stendahl is 40 years old and lives in Uppsala, Sweden. He works as a researcher and teacher at the department of Forest products at the Swedish University of Agricultural Sciences. His main interest and responsibility lies in operations management and business development in the forest sector, especially the wood-mechanical value chain. Matti has a M Sc in Forestry from year 2000 and a PhD in Forest Management from year 2009. The title of his PhD thesis was “Product development in the wood industry – breaking Gresham’s law”. In addition to his academic career Matti has been working as a sales representative for SCA Timber and as analyst for Pöyry Forest Industry Consulting



Jianping Sun

Jianping Sun, a professor in Guangxi University in China, was graduated from Northeast Forestry University, received PHD degree of engineering. Research fields focused on wood science and technology. From 2012 to 2013, as a visiting scholar at the University of New Brunswick in Canada doing some research about CLT materials.



Jimmy Thomas

Dr Jimmy Thomas is Wood Technologist at the Rubber Board, Government of India, since 2000. He is the Laboratory Manager of Central Wood Testing Laboratory, India's first ISO: 17025-2005 certified wood testing and research laboratory, located at Kottayam, the 'land of letters and latex' in 'God's on Country', Kerala. His interests are spanned in wood preservation, seasoning and quality control of processed plantation rubber wood, finger jointed panel board making and provides training to the industry stake holders. He is a technical committee member of Bureau of Indian Standards and Governing council member of the Indian Academy of Wood Science. He has secured PhD in Plant Biology, from the University of Canterbury, New Zealand recently, for the studies on spiral grain and compression wood formation in radiata pine trees. He had his MSc in Wood Science and Technology with first rank and gold medal from the Forest Research Institute, Dehradun India in 1998.



Anne Toppinen

Anne Toppinen has Dr. Forest Economics and marketing from University of Helsinki, Finland (1998). She currently leads at University of Helsinki an international research group of 10 scientists focusing on responsible business management, international business and sustainable marketing questions applied to natural resources and renewable energy markets. Topics of her ongoing projects deal with forest sector competitiveness, future of European forest sector in bioeconomy, as well as analysis of sustainability communication in forest sector. Anne has also experience from societal interaction with natural resource professionals and policy makers and has had various positions of trust both in Finland and internationally (e.g. Scandinavian Society of Forest Economics, European Union COST Forest Products and services, Team of Specialists in the FAO/UNECE Working Group of Sustainable Forest Products, and IUFRO WG 5.10 Forest Products Marketing and Business Management).



Patricia Townsend

Patricia Townsend



Johann Trischler

Master of Wood Technology and Management, Boku, Vienna (University of Natural Resources and Applied Life Sciences)

Master of Forest Sciences, Boku, Vienna (University of Natural Resources and Applied Life Sciences)

PhD student in the area “strategic raw material supply, LNU, Växjö (Linnaeus University)



Oliver Vay

Senior Researcher
Wood K plus

Date of birth 12 Aug 1977

Education 2008 – 2013 Study at BOKU, University of Natural Resources and Applied Life Sciences, Vienna (Austria)
Degree: PhD
2001 – 2008 Study at University of Hamburg, Institute of Wood Science, Hamburg (Germany)
Degree: Diploma

Work experience 2013 – Now Senior Researcher,
Wood K plus,
Division Wood Materials Technologies,
Tulln (Austria)
2008 – 2013 Junior Researcher,
Wood K plus,
Division Wood Materials Technologies,
Tulln (Austria)
2003 – 2007 Tutor at University of Hamburg, Institute of Mathematics,
Hamburg (Germany)



Kris Walker

Kristopher Walker received his Bachelor's degree in Civil Engineering from Boise State University and is currently working on completing a dual Masters at Oregon State University in Civil Engineering and Wood Science. During his undergraduate studies, Kris worked for the United States Forest Service as a Civil Engineering technician and learned much about the use of wood products in structures. He is concerned with the aging global infrastructure and hopes to build a more environmentally friendly future. His areas of interest are in the development of methods to detect structural integrity, analyze potential effects, and find ways to retrofit and repair deficient structures.



Xuehua Wang

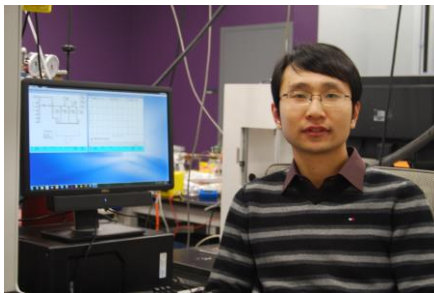
Job: lecturer

Workplace: College of Furniture and Industrial Design, Nanjing Forestry University

Address: Code 210037, No. 159, Longpan Road, Xuanwu District, Nanjing City, Jiangsu Province, China

E-mail: xuehua3099@sina.com

Main experience: I got my doctor degree of wood science and technology from Chinese Academy of Forestry in 2012, during doctoral study, I mainly researched about wood heat treatment processing. After graduation, I did some research about wood frame construction wall as a postdoctor in postdoctoral workstation of International Centre of Bamboo and Rattan. And now, I work in Nanjing Forestry University in charge of teaching and research about furniture and woodenwares



Changlei Xia, PhD Candidate

EDUCATION

| | |
|--|---|
| PhD Mechanical & Energy Engineering | University of North Texas, Denton, TX In process, May 2012 – now |
| MS Polymer Science & Engineering | University of Science and Technology of China, Hefei, China September 2007 – June 2010 |
| BS Polymer Science & Engineering | University of Science and Technology of China, Hefei, China September 2003 – June 2007 |

WORK EXPERIENCE

Graduate Research Assistant, University of North Texas

June 2012 – present

-Advisor: Prof. Sheldon Q. Shi, MEEN, UNT

- Porositization process of carbon or carbon based materials
- Vacuum assisted resin transfer molding (VARTM) technique
- Super capacity of activated carbon
- Applications of soy protein

Graduate Research Assistant, University of Science and Technology of China

Sep

2007 – July 2010

-Advisor: Prof. Hewen Liu, PSE, USTC

- Photo-responsive azobenzene-dendron monolayers
- Hyperbranched-upon-dendritic macromolecules as unimolecular hosts for controlled release

Senior Design, University of Science and Technology of China

Spring 2007

-Advisor: Prof. Hewen Liu, PSE, USTC

- Solvent induced self-assembly of hyperbranched-co-linearity (hpps-co-linearity)
- Conductivity of hyperbranched Poly(Phenylene Sulfide) (HPPS)

Undergraduate Research Assistant, University of Science and Technology of China

Fall 2005

-Advisor: Prof. Ruke Bai, PSE, USTC

- Participated in the research about reversible addition-fragmentation chain transfer polymerization (RAFT)

AWARDS

- Outstanding Freshman Scholarship (grade 3), 2003
- CENG Dean Tuition Scholarship/Summer Base, Summer 2012
- CENG/MEE Research Assistant Tuition Scholarship/Fees, 2012 – 2013
- Academic Achievement – Fall, 2012 – 2013
- CENG/MEE Shi GF, 2012 – 2013
- CENG/Dean's Engineering Scholarship, 2013 – 2014
- CENG/DEAN RIM Graduate Scholarships, 2013 – 2014
- Academic Achievement Scholarship – Fall, 2013 – 2014
- USC CENG Scholarship/Annual, 2014 – 2015
- CENG/DEAN Tuition Scholarship, 2014 – 2015
- Grad Assist Tuition Scholarship/Spring Base, 2014 – 2015
- Grad Assist Tuition Scholarship/Fall Base, 2014 – 2015

PROFESSIONAL MEMBERSHIPS/AFFILIATIONS

*Officer of UNT Chapter, The Society for the Advancement of Material and Process Engineering (SAMPE)
Member, Society of Wood Science and Technology (SWST)*



Bonnie Yang



Songlin Yi

Songlin Yi is a scientific and precise academic, wood science and technology scholar and wood thermal process professor. He graduated from Beijing Forestry University and got his bachelor's degree, master's degree and doctor's degree from the same school. He started work at the College of Material Science and Technology of the university when he got his master's degree and now he is a professor and an assistant dean in charge of the teaching affairs of the college.



Derong Zhang

Associate Professor

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Dr. Derong Zhang graduated from Beijing Forestry University with the major in wood processing in 1988 and got his doctor's degree in wood science and technology in 2009. From the graduation, he has been the teacher in College of wood science and technology, Beijing Forestry University. His research direction focuses on wood-based composites and wood-based panel manufacturing technology. In the last few years, he mainly studied on the

recycling and utilization of used wood with steam explosion treatment. Besides that, the effect of high temperature treatment on wood characteristics was also investigated.



Kunqian (Polo) Zhang

Kunqian (Polo) Zhang is working as a Master Student with Professor Greg Smith at UBC in Wood Science department. Her interest is to enhance the strength of wood composites by adding bamboo.



Yang Zhang

Zhang Yang, male, born in 1983, Ph. D, lecturer of Department of Wood Science and Technology at Beijing Forestry University, director of Wood Composite Materials Testing Center of Beijing Forestry University, working on the preparation of functional wood composite materials.

Tuhua Zhong

Graduate Research Assistant
Wood Science and Technology

West Virginia University, Morgantown, WV 26505, USA

I earned my Bachelor of Engineering degree in Wood Science and Engineering from South China Agricultural University in 2008. I received my Master of Science degree in Wood Science and Technology in 2011 from South China Agricultural University. In 2011 fall, I joined the doctoral program in Wood Science and Technology at West Virginia University, and my advisor is Dr. Gloria. S Oporto.