

# 24

# International Wood Machining Seminar

August 25-30, 2019



## IWMS-24 Proceedings

Oregon State University  
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**Oregon State University**  
College of Forestry



## Welcome to IWMS-24 !

We, Eric Hansen and Scott Leavengood at Oregon State University and Darrell Wong at FPInnovations, Vancouver, Canada, are proud to be your hosts and to welcome you warmly to the 24th International Wood Machining Seminar. In 2017, the then Dean of the College of Forestry at OSU, Thomas Maness, agreed to host this event. He had been closely involved in the organization of the 13th IWMS held in Vancouver. Unfortunately, Thomas passed away last year, but I know that he would certainly have been excited and proud to welcome you to OSU's College of Forestry. You will get to tour and experience the Red Emmerson Advanced Wood Products Laboratory and see the ongoing construction of the new Peavy Hall, both buildings utilizing mass timber. These new additions to the College are a key part of Thomas' legacy. We have a great week planned for you, with plenty of technical content, much opportunity for great social interaction with friends, and for Post-Seminar Tour participants, the experience of our local industry. We much look forward to welcoming you on campus.

With good wishes,

*Eric Hansen and Scott Leavengood*  
Oregon State University

*Darrell Wong*  
FPInnovations

# Preface

This is the 24<sup>th</sup> meeting of a series started in 1963 at the University of California, Richmond, originally named as the Wood Machining Seminar. In the early days, the meetings were based solely in Richmond, were of modest size, and were specialized solely on wood machining. For the 9<sup>th</sup> and subsequent meetings, the increasing success of the Seminars gave confidence to expand the scope of the discussions to encompass all aspects of wood processing and also to diversify the meeting sites to various centers of wood processing research around the world. This required a name change and thus the International Wood Machining Seminars were born. Since then, IWMS meetings have been held in nine different countries, always with strong attendance and with increasing diversity.

A central and distinctive feature of the IWMS meetings is the strong feeling of community among the participants, with numerous regulars of many years standing. Thus, in addition to being a high-level technical meeting, IWMS is also a gathering of both old and newly formed friends. Strong personal relationships and collaborations are both born and strengthened. New participants, particularly those at the start of their careers are warmly welcomed. In this way, the foundations developed by the established generation can be passed on to the new generation for them to build on and add their own contributions. It is the hope that they in turn will become regular IWMS participants and encourage the following generation. This was the dream of the original founders.

Welcome to IMWS-24, welcome to the technical sessions, but most particularly, welcome to the IWMS community.

With best wishes,



Gary S. Schajer  
Chair, IWMS International Advisory Committee

# Table of Contents

## Oral Presentations

### Keynote

<a href="#"><u>History of the International Wood Machining Seminars</u></a>	1
<i>Ryszard Szymani</i>	

### Wood Machining

<a href="#"><u>Single Tooth Cutting Forces in Green Norway Spruce: Experimental Results</u></a>	9
<i>Mats Ekevad, Micael Öhman, Xiaolei Guo</i>	
<a href="#"><u>Developments in Circular Saw Guide Pad Design</u></a>	23
<i>Bruce Lehmann, Ahmad Mohammadpanah</i>	
<a href="#"><u>Critical Temperature of Circular Saws</u></a>	31
<i>Ahmad Mohammadpanah, Bruce Lehmann</i>	
<a href="#"><u>Effect of Saw Material Properties on Guided Circular Saw Cutting Accuracy</u></a>	41
<i>Warren Bird</i>	
<a href="#"><u>Effect on Sawing Accuracy of the Lamella Position in a Sash Gang Saw</u></a>	47
<i>K.A. Orłowski, D. Chuchala, J. Sandak</i>	
<a href="#"><u>Specific Cutting Coefficients at Different Grain Orientations Determined During Real Machining Operations</u></a>	53
<i>R. Curti, B. Marcon, R. Furferi, L. Denaud, G. Goli</i>	
<a href="#"><u>Increasing the Stability of Thin Circular Saw Blades by Reduction of the Radial Stiffness</u></a>	63
<i>W. Szyszkowski and S. Szyszkowski</i>	
<a href="#"><u>Effect of Radial Force on Ring Debarker Efficiency with Frozen Logs</u></a>	71
<i>Wassim Kharrat, Roger Hernández, Claudia B. Cáceres, Carl Blais</i>	
<a href="#"><u>Relationships Between Chip Formation in Orthogonal Cutting of Hinoki and Strain Near Cutting Edge</u></a>	81
<i>Yosuke Matsuda, Yuko Fujiwara, Yoshihisa Fujii</i>	

<a href="#"><u>Novel Test Method Enabling Detailed Analysis of Wood Cutting Processes</u></a>	91
<i>S. Frybort, O. Dvořáček, T. Krenke, F. Haa</i>	
<a href="#"><u>Effect of Gullet Geometry on Circular Saw Noise Emission</u></a>	99
<i>D. Fendeleur</i>	
<a href="#"><u>Vibration of Guided Circular Saws</u></a>	109
<i>S. G. Hutton, A. Mohammadpanah</i>	
<b>Sensors and Quality Control</b>	
<a href="#"><u>Linear Scanning Device for Wood Grain Direction Measurement</u></a>	115
<i>Qi Pan, Gary S. Schajer</i>	
<a href="#"><u>Vision System for On-line Monitoring of Wood Surface Roughness</u></a>	125
<i>J. Sandak, K. Orłowski, A. Sandak, D. Chuchala, P. Taube</i>	
<a href="#"><u>Acousto-ultrasonic Evaluation of Carbide Saw Tip Integrity</u></a>	135
<i>John Schultz and Richard L. Lemaster</i>	
<b>Novel Products and Production Processes</b>	
<a href="#"><u>Geometric Dimensioning and Tolerancing of Furniture Components</u></a>	145
<i>A. Riegel, C. Kortüm</i>	
<a href="#"><u>Holistic-Subjective Automatic Grading of Sawn Timber: Sensitivity to Systematic Changes</u></a>	157
<i>Linus Olofsson, Olof Broman, Dick Sandberg</i>	
<a href="#"><u>Energy Efficient and Controlled Narrow Surface Coating Process with Multi-layer Ceramic Materials</u></a>	165
<i>M. Herzberg, A. Wagenführ</i>	
<a href="#"><u>Micro-focus X-ray CT Observation of Pinholes Incised by Laser and Drill in Lamina for Fire-proof Timber</u></a>	173
<i>N. Hattori, K. Ando, T. Harada, D. Kamikawa, M. Miyabayashi, D. Matsubara</i>	
<a href="#"><u>Solid Wood Bending Across the Grain: Making it Work</u></a>	181
<i>O. Eggert, P. Haller, J. Wehsener</i>	
<a href="#"><u>Value-added Diversification of Sawmill By-products</u></a>	189
<i>R. Abdallah, X.-M. Wang, W. Tropper, S. Constantineau</i>	

<a href="#"><u>Industry 4.0 Based Versatile Production Systems in the Furniture Industry</u></a>	199
<i>J. Paul</i>	
<a href="#"><u>Development of a Compact Flexible Manufacturing Cell for Producing Timber Frame Elements</u></a>	209
<i>Niki Karatza</i>	
<a href="#"><u>Research on the CO<sub>2</sub> Laser Modification of Poplar Wood Surface</u></a>	217
<i>Rongrong Li, Wei Xu</i>	
<a href="#"><u>Woodworking Training for Students and Research Activity in Kyoto University</u></a>	223
<i>Yoshihisa Fujii</i>	

## **Veneer Production**

<a href="#"><u>Influence of Peeling Process Parameters on Veneer Lathe Check Properties</u></a>	227
<i>L. Denaud, B. Marcon, A.Rohumaa, C. Purba, J. Viguier, R. Letourneau, R. Marchal</i>	
<a href="#"><u>Peeled Veneer from Douglas-Fir: Soaking Temperature Influence on the Surface Roughness</u></a>	237
<i>R. Frayssinhes, S. Stefanowski, L. Denaud, S. Girardon, B. Marcon, R. Collet</i>	

## **Sanding and Dust Mitigation**

<a href="#"><u>Development and Validation of an Adaptive Suction Hood for a CNC Machining Center</u></a>	247
<i>K. Binninger, F. Scholz</i>	
<a href="#"><u>Airborne Dust Emission in the Sawing Process of Douglas-fir Wood</u></a>	255
<i>Julie Cool, Vahid Nasir</i>	
<a href="#"><u>A Comparison of the Abrasive Sanding Dust Emission Characteristics of Oil Palm Wood and Rubberwood</u></a>	263
<i>Jegatheswaran Ratnasingam, Hazirah Ab Latib and Frieder Scholz</i>	
<a href="#"><u>Material Removal and Surface Creation during Single-grit Scratching of Wood Materials</u></a>	273
<i>Jian Zhang, Bin Luo, L Li, Hongguang Liu</i>	

## Poster Presentations

- [Influence of Wood Density on the Specific Cutting Force During Planing](#) 283  
*Anna Carolina de Almeida Andrade, Carolina Nogueira Xavier,  
Rodrigo Simetti, José Reinaldo Moreira da Silva*
- [Effect of Cutting Condition on Cutting Energy and Accuracy  
in Processing Micro Finger Joints](#) 291  
*K. Fujimoto, Y. Hiramatsu, M. Kojima, K. Ogawa,  
H. Suesada, R. Takase, K. Suzuki*
- [Modelling of Wood Machining Processes with Artificial Neural Networks](#) 297  
*C. Gottlöber, A. Wagenführ*
- [Effect of Chipping Edge Inclination Angle on the Chip Formation  
Mechanism of a Chipper-Canter](#) 307  
*Victor Grubii, Claudia B. Cáceres, Roger Hernández, Carl Blais*
- [Development of Cost Simulation Tool for Profitability Evaluation  
of CLT Manufacturing in Japan](#) 315  
*H. Komata, S. Watanabe, Y. Ohasi, T. Miyauchi, N. Hattori*
- [Characteristics of Large-Diameter Sugi Log and Quality of the Sawn Lumber](#) 325  
*Yukari Matsumura, Yuji Ikami, Yosuke Matsuda*
- [Relationships of Crack Propagation and Stress Intensity Factors in Wood Cutting](#) 333  
*Masumi Minagawa, Yosuke Matsuda, Yuko Fujiwara, Yoshihisa Fujii*
- [Approaches for the Assessment of the Abrasiveness of Wood-Based Materials](#) 341  
*F. Scholz, S. G. Koppula, K. Binninger, J. Ratnasingam and a Student Group*
- [Specific Energy Consumption of Cutting Jackfruit Wood at Different Feed Speeds](#) 351  
*Carolina Nogueira Xavier, Anna Carolina de Almeida Andrade,  
José Moreira da Silva, Alexandre Monteiro de Carvalho*