



Thursday, December 4 // 10:50 - 11:35

Friday, December 5 // 10:15 - 11:00

Driftwood as a Material for Making Unique Furniture

Bego, Margarita; Martinović, Sandra; Lobaš Kukavičić, Iris; Šenjug, Luka

Conservation and Restoration of the Writing Desk of August Šenoa

Bego, Margarita; Čavara, Pero

The use of Shellac as Wood Adhesive

Brus, Maks; Jones, Dennis; Šernek, Milan

Design of a Wooden Portable Office for Engineering Field Work

Domljan, Danijela; Grabić, Tomislav

Research on Sleep Habits and Influencing Factors

Drača, Maja; Vlaović, Zoran

Prediction of Fatigue Life in Spruce Wood using Resonance Frequency Analysis

Gaberšček Tuta, Gregora; Fajdiga, Gorazd; Straže, Aleš

**Evaluating Density Homogeneity in Beech Wood (*Fagus sylvatica* L.) Using
Semi-Non-Destructive Resistance Drilling**

Gačo Jež, Amina; Humar, Miha

**Sustainable Utilization of Low-quality Wood in the Slovenian Bio-Economy: A
Case Study on Wood Transport Packaging**

Gornik Bučar, Dominika; Kropivšek, Jože

Novel Methodological Approach in Assessing Bond Strength of Edge Bands

Gržan, Tomislav; Domljan, Danijela; Vlaović, Zoran; Župčić, Ivica; Mihulja, Goran

Application of Lasers in the Woodworking and Furniture Industry in Bulgaria

Halim, Engindzhan

**Health Assessment of Wooden Constructions of Old Buildings Damaged in
the Earthquake**

Hasan, Marin; Hasan, Adriana; Tomić, Zvonimir; Župčić, Ivica



The influence of the Fastener Penetration Depth on the Withdrawal Resistance

Hristodorova, Desislava; Mihailov, Vladimir

Design and Construction of a Wood-Metal Dining Furniture Set Using Partially Recycled Materials

Ištvančić, Josip; Pervan, Dario; Vondra, Mislav; Jurišić, Mario; Antonović, Alan; Klarić, Miljenko

Shear strength of Reinforced Plywood

Jakimovska Popovska, Violeta; Iliev, Borche

Impact of Styrene Monomer Treatment on the Physical Properties of Spruce Wood

Jambrečković, Branimir; Sedlar, Tomislav; Ištok Pandur, Iva; Hasan, Marin

Influence of the Corner Joints of the Window Frame and Sash on the Final Quality of the Window

Jevtoska, Elena; Gruevski, Gjorgji; Mihajlovski, Nikola

Preliminary Tribological Analysis of Ti-Based Coatings in Contact with MDF Using Ball-on-Flat Method

Jovanović, Juraj; Merhar, Miran; Đukić, Igor

Analyses of Noise Emissions during Milling and Sawing of Oak Wood and Fir Wood

Jovanović, Juraj; Blažević, Marija; Đukić, Igor; Jug, Matija; Beljo Lučić, Ružica

The Impact of Global Crises on FSC-Certified Wood Industry: Insights from Croatia, Slovenia, and Slovakia

Klarić, Kristina; Jošt, Matej; Paluš, Hubert; Katarina Remić; Klarić, Miljenko; Grošelj, Petra; Džian, Michal

Design And Analysis of Corner Assemblies With 3D Printed Elements Intended for Cabinet Furniture

Konsa, Petar; Prekrat, Silvana

Improving Adhesion Properties of Wood Surfaces through Plasma Technology

Kotnik, Klemen; Vaněrek, Jan; Šernek, Milan

Determination of Bearing Loading During Longitudinal Milling of Specimens From Scots Pine and Oak

Kovachev, Georgi; Atanasov, Valentin



Analysis of the Efficiency of Furniture Modeling Using Parametric 3D CAD Program

Kristić, Denis; Prekrat, Silvana

Visualization and Replication of Wood Microstructure Using Micro-CT and 3D Printing

Merela, Maks; Žigon, Jure; Straže, Aleš; Krže, Luka; Balzano, Angela;
Repič, Rožle; Krapež, Daša

Some Physical and Mechanical Properties of Atlas Cedar wood from Bulgaria

Mihailov, Vladimir; Hristodorova, Desislava

**Comparison of Measurements from a Coordinate Measuring Machine and
Manual Instruments in Quality Control of Mortise and Tenon Joints**

Mihajlovski Nikola; Gruevski Gjorgi; Jevtoska Elena

**Effect of the Number of Coating Layers on the Resistance of Wood
Surface**

Miklečić, Josip; Jirouš-Rajković, Vlatka

Product Design and Reusable Materials

Nikoljski Panevski, Elena

**Influence of Power Source on Thermal Conductivity of Wood Covering with
Electric Heating System**

Novosel, Andrija; Miklečić, Josip; Kunović, Ivan; Živković, Vjekoslav

Economic and Financial Indicators in the Slovenian Wood Industry

Oblak, Leon; Kitek Kuzman, Manja

**Bonding Properties of Differently Modified Beech (*Fagus sylvatica* L.)
Wood**

Obucina, Murco; Ibrisevic, Alen; Mahmutspahic Eldina; Mihulja, Goran

**Multifunctional PVA Biocomposites Reinforced with Cellulose Nanofibrils
and Functionalized by Tannic Acid**

Osolnik, Urša; Vek, Viljem; Hrovatič, Peter; Oven, Primož; Humar, Miha; Poljanšek, Ida

Moisture Content Estimation Using Halogen Analyzer on Several Wood Species

Pervan, Dario; Klarić, Miljenko; Jambrečević, Vladimir; Ivanda, Anamaria; Klarić,
Kristina; Ištvančić, Josip



**Optimization of Wood Sampling for Moisture Content Determination
Using a Halogen Moisture Analyzer in Multilayer Parquet Production**

Pervan, Dario; Klarić, Miljenko; Jambrečković, Vladimir; Sabljak, Marin;
Klarić, Kristina; Ištvančić, Josip

**The Influence of the Hole Diameter of Perforated Samples on the Acoustic
Absorption of Wood and Wood Products**

Radmanović, Kristijan; Krhen, Miljenko; Dujmović, Marin; Jurčević, Ante; Šafran, Branimir

Innovation as a Fundamental Instrument of Entrepreneurship

Stankevič, Shumanska, Mira; Nikolovska, Angela; Antovska, Ivana

**Curing Kinetics of Urea-Formaldehyde Resin in the Presence of Wood and Non-
Wooden Raw Materials for Particleboard Production**

Španić, Nikola; Simon, Marta; Klarić, Miljenko; Lozančić, Nikolina

**Ergonomics of Conservation-Restoration Work: Introduction to
Research into the Relationship Between Working Postures, Repetitive
Tasks and the Use of Workplace Furniture and Health**

Štengl, Mihael; Vlaović, Zoran

**Evaluation of Noise Emissions from a CNC Woodworking Centre under
Different Cutting Conditions**

Vitchev, Pavlin; Halim, Engindzhan

Exploring Elastic Properties of Flexible PUR and Latex Foams for Furniture

Vlaović, Zoran; Vidoni, Nikola; Mihulja, Goran

**Challenges in Information Systems Implementation: Financial,
Organizational, and Technical Factors**

Vukman, Karla; Perić, Ivana; Pirc Barčič, Andreja; Klarić, Kristina

Distribution of Heat Over the Face of the Wood Covering With Integrated Heating System

Živković, Vjekoslav; Miklečić, Josip; Kunović, Ivan; Novosel, Andrija

Thickness Joining of Solid Wood Using Rotary Welding

Župčić, Ivica; Čatić, Matija; Đukić, Igor; Gržan, Tomislav; Hasan, Marin