

ICWST 2019 – CONFERENCE PROGRAM
Thursday, 12th December 2019
Faculty of Forestry, Svetošimunska 25, Zagreb

8:30	Registration <i>Main hall (yellow pavilion)</i>
9:00	Opening
9:15-11:45	Session 1 (Moderators: Andreja Pirc Barčič and Vjekoslav Živković)
09:15	Past, Present and Future of Drvna industrija Journal Beljo Lučić, Ružica
09:40	The Current Situation, Problems and Challenges in Academic Education for the Furniture Sector Jivkov, Vassil
10:05	The Role of Wood Science & Technology Academicians in Innovation for a Circular Bioeconomy Transition Hansen, Eric
10:30	Comparison of Visual and Instrumental Assessment of Colour Differences on Finished Wooden Surfaces Petrič, Marko; Pavlič, Matjaž
10:55	The Effect of Thermal Compression on the Surface Characteristics, Glueability and Coating Performance of Wood Veneers Bekhta Pavlo
11:20	In-line Measurement of Wood Surface Roughness Jakub, Sandak; Orłowski, Kazimierz A; Sandak, Anna; Chuchala, Daniel; Taube, Piotr
11:45 – 12:15	Coffee break
12:15 – 13:45	Session 2: WOOD PROPERTIES (Moderators: Pavlo Bekhta and Bogoslav Šefc)
12:15	Confocal Laser Scanning Microscopy to Study Variations in Wood Quality Balzano, Angela; Novak, Klemen; Humar, Miha, Čufar, Katarina
12:30	Properties of beech cell wall: micropillar compression, nanoindentation mapping and FE analysis Sebera, Václav; Klímek, Petr; Tytko, Darius; Brabec, Martin; Lukeš, Jaroslav
12:45	Main Characteristics of Larch Stems (<i>Larix gmelinii</i>) for the Production of Solid Wood Materials Trichkov, Neno; Bogdanov, Georgi
13:00	Physical Properties of Juvenile Wood from two Paulownia Clones Sedlar, Tomislav; Šefc, Bogoslav; Drvodelić, Damir; Ištók, Iva; Jambrečković, Branimir; Kučinić, Marko
13:15	Development of optimal surface preparation for anatomy research of invasive wood species by Scanning Electron Microscopy Merela Maks; Novak Janez; Krže Luka, Jože Planinšič, Balzano Angela, Nejc Thaler, Plavčak Denis
13:30	Influence of different wood specie chemical composition on the liquefaction properties Antonović, Alan; Ištvančić, Josip; Medved, Sergej; Antolović, Suzana; Stanešić, Juraj; Kukuruzović, Juraj; Đurović, Alen; Španić, Nikola
13:45-14:45	Lunch
14:45-15:45	Session 3: POSTERS Posters will be presented in the main hall.
16:30 – 18:00	Zagreb City Museum tour
18:00 – 19:30	Advent downtown tour
From 19:30	Conference dinner – Restaurant Kaptolska klet

...continue on next page

Friday, 13th December 2019

Session 4: WOOD FINISHING AND GLUING (Moderators: Marko Petrič and Vlatka Jirouš-Rajković)	
9:00	Wood Surface Finishing of Selected Invasive Tree Species Pavlič, Matjaž; Žigon, Jure; Petrič, Marko
9:15	Enhanced Abrasion Resistance of Coated Particleboard Treated With Atmospheric Plasma Žigon, Jure; Dahle, Sebastian; Petrič, Marko; Pavlič, Matjaž
9:30	Effect of some oil and wax finishes upon the water permeability of spruce (<i>Picea abies</i>) Angelski, Dimitar
9:45	Surfaces for sports areas - Characteristics, Requirements and Defects Pazlar, Tomaž; Srpčič, Jelena
10:00	Performance of Model Glulam Beams after Two Years of Exposure Kržišnik, Davor; Grbec, Samo; Lesar, Boštjan; Plavčak, Denis; Šega, Bogdan; Šernek, Milan; Straže, Aleš; Humar, Miha
10:15	Suitability and Thermal Comfort of Different Desktop Materials Podrekar, Nastja; Lipovac, Dean; Burnard, Michael; Šarabon, Nejc
10:30 – 11:00	Coffee break
Session 5: ORGANISATION AND ECONOMY (Moderators: Eric Hansen and Ivana Perić)	
11:00	Qualitative Analysis and Implications of Wood Products Perception on the Social Media Šujanová, Jana; Nováková, Renata; Pavlendová, Gabriela, Cagáňová, Dagmar, Canet, Natália
11:15	Improving Manufacturing Data Quality with Data Fusion and Advanced Algorithms for Improved Total Data Quality Management David C. Juriga and Timothy M. Young
11:30	Sustainable supply chain of softwood raw material Marek Wieruszewski, Katarzyna Mydlarz
11:45	3D Printed Age Simulator as a Tool Facilitating the Process of Furniture Designing for Seniors Fabisiak, Beata and Kłos, Robert
12:00	Impact of consumption in the European Union (26) on development of production and competitiveness of exports of wood flooring from the Western Balkan countries Glavonjić, Branko; Lazarević, Aleksandra; Kalem, Miljan
Session 6: WOOD PROCESSING (Moderators: Jakub Sandak and Igor Đukić)	
12:15	Investigations upon Aesthetic-Decorative Features of the HDF Finished with Acrylic Lacquer Coatings Lis, Barbara; Wojkiewicz, Beata; Krystofiak, Tomasz
12:30	Invasive Species as Raw Material for Pellets Production Gornik Bučar Dominika; Gospodarič Bojan; Smolnikar Pavel; Stare Darja; Prisljan Peter
12:45	Characterization and modelling of drying kinetics of thin ash and oak wood lamellas dried with infrared radiation and hot air Straže, Aleš; Klarić Miljenko; Budrović Zlatko; Pervan Stjepan
13:00	The Influence of Wood Modification on the Transfer Function of the Violin Bridge Merhar, Miran; Humar, Miha
13:15-14:30	Lunch
Session 5: WOOD FURNITURE AND WOODBASED PANELS (Moderators: Vassil Jivkov and Nikola Španić)	
14:30	Numerical modelling of stiffness of RTA furniture with new externally invisible and dismountable joints Łukasz, Krzyżaniak; Jerzy, Smardzewski; Silvana, Prekrat
14:45	Bark, what can we do with it, what is it good for Medved, Sergej; Jambreković, Vladimir; Španić Nikola; Ščernjavič, Romana; Barbu, Marius Catalinc; Tudor, Eugenia Marianac; Antonović, Alan
15:00	Bending Properties of Reinforced Plywood with Fibreglass Pre-Impregnated Fabrics Jakimovska Popovska, Violeta; Iliev, Borche
15:15	Evaluation of torrefied short rotation shrub willow as value-added fillers for wood plastic composites DeVallance, David; Gašper Pečnik, Jaka; Schwarzkopf, Matthew
15:30	Engineering the properties of eco-friendly medium density fiberboards Savov, Viktor; Antov, Petar
15:45	End of Conference