

ICWST 2017 - **PRELIMINARY PROGRAM**
Thursday, 7th December 2017
Faculty of Forestry, Svetošimunska 25, Zagreb

9:00	Registration - Main hall (yellow pavilion)
9:30	Opening (organisers and sponsors)
9:40	Session 1
9:40	INDUSTRY 4.0 – pragmatic algorithms, information quality and relational databases Timothy Young
10:10	Microtensile testing – overview of methodology and achievements Hrvoje Turkulin
10:40	Estimation of Wood Density, Moisture Content and Fiber Orientation by THz Time Domain Spectroscopy Tetsuya Inagaki; Moe Kashima; Satoru Tsuchikawa
11:00	The Effect of Dry Thermal Treatment on the Vibrational Characteristics of Wood Hikaru Kobori; Sakura Ichijo; Naoki Okano; Yoichi Kojima; Shigehiko Suzuki
11:20	Coffee break

11:50	POSTER SESSION
11:55	NIRWOOD: an EU Innovation Project to determine species and geographical origin of Timber using NIR Spectrometry Verónica Sierra Sánchez; Manuel de Luque Ripoll; María Álvarez San Millán; Sonia Pérez Mazarío; Pepa García Espina; Luis de Luque Ripoll
12:00	Improvement of fire performance of impregnated wood with copper based chemicals Ahmet Can; İsmail Özlüsoylu; Wojciech Grzeskowiak; Eser Sözen
12:05	Investigation of Subfossil Waterlogged Bog-Oakwood Moisture Content Estimation by Electrical Resistance Method Miljenko Klarić; Stjepan Pervan; Velimir Nikić
12:10	Traditional ways using of wood and forest products in housings and in daily livelihoods in Albania populations/communities Hajri Haska; Bajram Kullolli; Hajri Ismaili; Eneida Haska
12:15	Temperature as an important factor in rotary welding of wood Ivan Žulj; Ivica Župčić; Kristijan Radmanović; Ivica Grbac; Valentino Slivar
12:20	Relationship between Entrepreneurial Competencies and Firm Performance: A Study on Furniture Manufacturing SMEs in Croatia Ivana Perić, Tomislav Grladinović, Jože Kropivšek, Krešimir Greger
12:25	Announceent of 2018 Joint Convention SWST & JWRS Satoru Tsuchikawa
12:30	Lunch and poster discussion

13:30	Session 2: RAW MATERIALS AND ITS PROPERTIES
13:30	Identification of Diagnostic Anatomical Features in Ten Species of Sapindales Occurring in the Brazilian Amazon Fabiana Chipaia; Claudia Urbinati; Patricia Dos Santos; Alisson Reis
13:45	Optimization of <i>Juglans sp.</i> wood processing from sustainable plantations' thinning, wood profitability and final product quality Ignacio Urbán Martínez; Ernesto Gutiérrez Tejón; Oscar Santaclara Estévez; Esther Merlo Sánchez
14:00	Analysis of the Raw Material Properties in the Agro-wood Pellets Production Branimir Šafran; Matija Jug; Kristijan Radmanović; Igor Đukić; Daniel Kramar; Stjepan Risović
14:15	Relationship between strength and density as an indicator of sycamore maple (<i>Acer pseudoplatanus</i> L.) wood quality Tomislav Sedlar; Tomislav Sinković; Jelena Trajković; Bogoslav Šefc; Branimir Jambreković; Iva Ištok
14:30	Some physical and mechanical properties of white poplar (<i>Populus alba</i> L.) wood grown in Varaždin region Tomislav Sinković; Branimir Jambreković; Bogoslav Šefc; Iva Ištok; Filip Veselčić; Tomislav Sedlar
14:45	The control method for the efficiency of exhaust system in the wood industry Matija Jug; Anka Ozana Čavlović; Andrija Novosel
15:00	End of presentations of day 1
16:00	Visit to Zagreb Academy of Music
17 - 23	Advent downtown tour and dinner (details to be announced)

Friday, 8th December 2017

9:30	Session 3: SURFACE PROPERTIES AND WOOD MODIFICATIONS
9:30	Modification of wood by silica nanoparticles Miklós Bak; Ferenc Molnár; Róbert Németh
9:45	Surface characterization of some woods exposed to accelerated weathering Ahmet Can; Cengiz Temiz; Hüseyin Sivrikaya
10:00	Abrasion resistance of oiled wood floorings Vjekoslav Živković; Matija Nakić
10:15	Effect of water repellents on the Surface characterisation of Scots pine (<i>Pinus sylvestris</i>) exposed to accelerated and outdoor weathering Ahmet Can; Hüseyin Sivrikaya
10:30	Contribution to the Optimisation of Esterification of Beech Wood by Citric Acid Marin Hasan; Adriana Hasan; Gordana Orešković; Branimir Jambreković; Suzana Antolović
10:45	Bendability of thermally modified oak (<i>Quercus robur</i> F) Milan Gaff; Marián Babiak; František Kačík; Veronika Vondrova; Danijela Domljan
11:00	Coffee break

11:30	Session 4: WOOD BASED MATERIALS AND PRODUCTS
11:30	Effect of Bio-Based Additives on Physico-Mechanical Properties of Medium Density Fibreboards Reza Hosseinpourpia; Stergios Adamopoulos; Carsten Mai; Venla Hemmilä
11:45	Influence of Relative Humidity on the Strength of Hardwood and Softwood Pulp Fibres and Fibre to Fibre Joints Marina Jajcinovic; Wolfgang Johann Fischer; Ulrich Hirn; Wolfgang Bauer
12:00	Influence of Veneering on the Properties of Lightweight Particleboards with Expanded Polystyrene Liubov Kozak; Pavlo Bekhta; Ján Sedliačik; Ján Iždinský
12:15	Influence of Black Poplar Wood Particle Size (<i>Populus nigra</i> L.) on Content and Properties of Bio-oil Juraj Stanešić; Tomislav Podvorec; Alan Antonović
12:30	Effect of Tartaric Acid Addition to Catalyst on Curing Behaviour of Urea-Formaldehyde Resin Nikola Španić; Vladimir Jambreković; Kristijan Radmanović; Goran Mihulja; Jaroslav Kljak
12:45	Lunch

13:30	Session 5: WOOD FURNITURE
13:30	Modeling of externally invisible cabinet furniture joints Łukasz Krzyżaniak; Jerzy Smardzewski
13:45	Trends in the production and design of upholstered furniture Jiří Tauber; Zdeněk Holouš; Miroslav Kozák; Sarah Szökeová
14:00	Comparison between preschool tables used in kindergartens in Croatia, Macedonia and Bulgaria Boris Iliev; Danijela Domljan
14:15	Comfort of Cervical Pillow with Polyurethane Coil Springs Zoran Vlaović; Karla Seleš; Ivica Grbac; Ivan Žulj; Danijela Domljan
14:30	Furniture design for the Entrance Hall Alena Sobotková; Milan Šimek; Danijela Domljan
14:45	Product Line Safari Sarah Szökeová; Miroslav Kozák; Milan Šimek
15:00	Outdoor wooden furniture as a component of an overall municipal project: "Green City" Roy Damary; Natalia Pryadilina; Sergey Zalesov; Anton Opletaev
15:15	Management of the Project of Traditional Estate Adaptation into Object of Village Tourism Franciska Klanfar; Jerzy Smardzewski; Danijela Domljan
15:30	Improvements to the Production Management System of Wood-processing in Small and Medium Enterprises Marko Dušak
15:45	Final discussion and Conclusions
16:00	End of Conference
16:10	Visiting Labs of the Faculty of Forestry (OPTIONAL)