
67. mednarodni kongres SWST 2024 in Oddelek za lesarstvo BF UL

67th SWST International Convention 2024 and the Department of Wood Science and Technology BF UL

Katarina Čufar¹, Manja Kitek Kuzman^{1*}, Milan Šernek¹

67. mednarodne konvencije SWST v Portorožu, od 30. junija do 5. julija 2024, so se udeležili tudi sodelavke in sodelavci ter alumne in alumni Oddelka za lesarstvo Biotehniške fakultete Univerze v Ljubljani (OL BF UL).

Pri organizaciji dogodka sta bila vključena tudi prof. dr. Manja Kitek Kuzman in prof. dr. Milan Šernek, ki sta dolgoletna člana društva Society of Wood Science & Technology (SWST). Prof. dr. Manja Kitek Kuzman je bila v letu 2023 tudi prejemnica prizna-

nja »Women ambassador«, ki ga SWST podeljuje za promocijo dela žensk v znanosti o lesu. Prejmejo ga izjemne posameznice, ki uspešno in aktivno zastopajo znanstveno področje lesarstva. SWST je mednarodno priznana organizacija znanstvenic in znanstvenikov s področja gozdno-lesnega sektorja.

Prof. dr. Katarina Čufar se je konference udeležila kot predstavnica prestižne Mednarodne akademije znanosti o lesu (International Academy of Wood Science, IAWS), ki je organizirala posebno sekcijo s predavanji. Katarina Čufar je imela vabljen predavanje v okviru te sekcije.

Posebej zanimive so bile posterske predstavitve in predavanja doktorskih študentk in študentov, ki so izkoristili izjemno priložnost srečati se s kolegi in kolegi iz celega sveta. Oddelek za lesarstvo so zastopale tri mlade raziskovalke, Meta Pivk, Neja Bizjak Štrus in Katarina Remic. Poleg tega sta svoje delo predstavila tudi Ana Pršlja in Andrej Fašalek, ki sta alumna Oddelka za lesarstvo, kjer sta nedavno magistrirala. Oba sta trenutno na doktorskem študiju na univerzi BOKU (Universität für Bodenkultur) na Dunaju.

Nenazadnje naj omenimo, da so alumne in alumni Oddelka za lesarstvo predstavili svoje delo na konferenci SWST kot zaposleni na raziskovalnem inštitutu InnoRenew CoE in na Univerzi na Primorskem. Najbolj prepoznavna med njimi je prof. dr. Andreja Kutnar, direktorica InnoRenew CoE in glavna slovenska organizatorka konference SWST, ki je diplomirala in doktorirala na Oddelku za lesarstvo, na SWST konferenci pa je imela tudi uvodno predavanje, bila avtorica več predavanj in posterjev in moderatorica več sekcij.

Naslovi izbranih predavanj in posterjev omenjenih raziskovalk in raziskovalcev so navedeni na koncu tega prispevka in potrjujejo veliko raznolikost raziskav in izjemno povezanost domačih in mednarodnih raziskovalk in raziskovalcev.

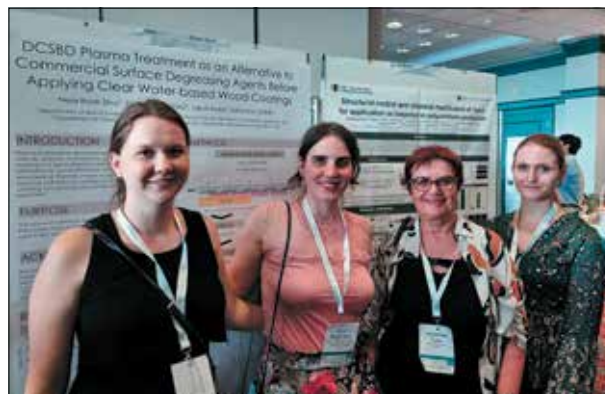
Colleagues and alumni from the Department of Wood Science and Technology at the Biotechnical Faculty of the University of Ljubljana (DWST BF UL) also took part in the 67th International SWST Conference in Portorož from 30 June to 5 July 2024.

Prof. Dr. Manja Kitek Kuzman and Prof. Dr. Milan Šernek, long-standing members of the Society



Slika 1. Profesor, profesorici in mladi raziskovalki Oddelka za lesarstvo BF UL na konferenci SWST.

Figure 1. Professors and young researchers from the Department of Wood Science and Technology BF UL at the SWST conference.



Slika 2. Pred plakati na konferenci SWST.

Figure 2. Poster session at the SWST conference.

of Wood Science & Technology (SWST) were also involved in the organisation of the event. Prof. Dr Manja Kitek Kuzman was the recipient of the "Women Ambassador" Award, which is presented by SWST to promote the work of women in wood science and technology. It is awarded to exceptional individuals for their contribution and mentorship of women in the wood science field. SWST is an internationally-recognized professional organization of wood scientists, engineers, marketing specialists and other professionals concerned with lignocellulosic materials.

Prof. Dr. Katarina Čufar attended the conference as a representative of the International Acad-

¹ Univerza v Ljubljani, Biotehniška fakulteta, Oddelek za lesarstvo, Jamnikarjeva 101, Ljubljana, Slovenija

* e-pošta: manja.kuzman@bf.uni-lj.si



Slika 3. Predavanji sta predstavila tudi Andrej Fašalek (zgoraj) in Ana Pršlja (spodaj), oba na doktorskem študiju na BOKU Dunaj in alumna Oddelka za lesarstvo. Za Ano je bilo to prvo predavanje na konferenci.

Figure 3. The lectures were also presented by Andrej Fašalek (above) and Ana Pršlja (below), both PhD students at BOKU Vienna and alumni of the Department of Wood Science and Technology. For Ana, this was her first lecture at the conference.

emy of Wood Science (IAWS), which organized a special session with presentations by IAWS fellows. Katarina Čufar gave an invited talk in this session.

The poster presentations and talks by PhD students were particularly interesting. DWST BF UL was represented by three young researchers, Meta

Pivk, Neja Bizjak Štrus and Katarina Remic. In addition, Ana Pršlja and Andrej Fašalek, alumni who recently completed their Master's degree at DWST BF UL and are now PhD students at BOKU (University of Natural Resources and Life Sciences) in Vien-

na, Austria, also presented their work at the SWST conference.

Last but not least, several researchers from the InnoRenew CoE Research Institute and the University of Primorska, who presented their work at the SWST conference, are also alumni of DWST BF UL. The most prominent among them is Prof. Dr. Andreja Kutnar, Director of InnoRenew CoE and main organiser of the SWST convention. Andreja Kutnar, who graduated and received her doctorate from DWST BF UL, also gave a keynote speech and several oral presentations, co-authored posters and moderated several sessions.

Izbrana predavanja in posterji zaposlenih in alumnov Oddelka za lesarstvo BF UL

Selected oral presentations and posters of the staff and alumni of the Department of Wood Science and Technology BF UL

Manja Kitek Kuzman, Mirko Kariž, Jože Kropivšek (University of Ljubljana, Slovenia)

“Advancing the woodworking industry through integration of Artificial Intelligence”

Eva Haviarova, Jue Mo (Purdue University, USA), Manja Kitek Kuzman (University of Ljubljana)

“Mapping the value chain of wood products”

Milan Šernek (University of Ljubljana, Slovenia), Andrej Fašalek (BOKU, Austria)

“Hybrid GLULAM made of beech and spruce wood bonded with MUF and PUR adhesives”

Marek Nociar, Tomas Pipiska, Pavel Král (Mendel University in Brno, Czech Republic), Samo Grbec, Milan Šernek (University of Ljubljana, Slovenia)

“Effect of the percentage coverage of MUF adhesive on the shear strength for bonding different wood species”

Katarina Čufar, Angela Balzano, Nina Škrk Dolar, Luka Krže, Aleš Straže, Jure Žigon, Maks Merela (University of Ljubljana, Slovenia)

“Wood anatomy and dendrochronology - a long tradition and current challenges”

Katarina Remic, Teja Bizjak Govedič, Manja Kitek Kuzman (University of Ljubljana, Slovenia)

“The potential of integrating life cycle assessment into the design phase of wood products”

Neja Bizjak (University of Ljubljana, Slovenia), Dávid Brodňanský, Jakub Kelar (Masaryk University, Czech Republic), Sebastian Dahle (University of Ljubljana, Slovenia)

“DCSBD Plasma treatment as an alternative to commercial surface degreasing agents before applying clear water-based wood coatings”

Meta Pivk, Jaka Levanič, Miha Humar (University of Ljubljana, Slovenia)

“Possibilities of hyperspectral imaging for sorting of recovered wood”

Ana Pršlja, Rupert Wimmer (BOKU, Austria), Falk Liebner, Alaudini Nurali (Institute of Chemistry of Renewable Resources, Austria), Benjamin Kromoser (Institute of Green Civil Engineering, Austria)

“Revolutionizing sustainable construction: The 3DP biowalls project approach to resource efficiency and circular economy”

Andrej Fašalek, Maximilian Pramreiter (BOKU, Austria), Hendrikus Van Herwijnen (Wood K plus, Austria), Johannes Konnerth (BOKU, Austria)

“How wood species influence the curing speed of adhesives used in panel production”

Andreja Kutnar (InnoRenew CoE & University of Primorska [UP], Slovenia)

“Where is wood science going” - Keynote Speech -

Andreja Kutnar (InnoRenew CoE & UP, Slovenia), Victoria Herian (USA)

“Historical overview of themes at the SWST’s Conventions”

Andreja Kutnar (InnoRenew CoE & UP, Slovenia)

“Buildings and education in wood ecosystem for the New European Bauhaus – BE-WoodEN”

Andreja Kutnar (InnoRenew CoE & UP, Slovenia), Michael Burnard (InnoRenew CoE & UP, Slovenia, University of Helsinki, Finland)

“The New European Bauhaus (NEB) Academy Pioneer Hub for sustainable built environments with

renewable materials building up NEB Academy Alliance”

Črtomir Tavzes, Balázs Dávid, Jaka Gašper Pečnik (InnoRenew CoE & UP, Slovenia), Marica Mikuljan, Daša Majcen, Erwin M. Schau (InnoRenew CoE, Slovenia), Andreja Kutnar (InnoRenew CoE & UP, Slovenia)

“Use of green tax policies for enhanced use of wood and other natural materials from renewable sources for faster climate neutrality transition”

Marica Mikuljan, Tania Langella (InnoRenew CoE, Slovenia), Lei Han, Mariem Zouari (InnoRenew CoE

& UP, Slovenia), David DeVallance (Commonwealth University of Pennsylvania, USA)

“Effect of biochar impregnation on wood properties”

Jaka Gašper Pečnik (InnoRenew CoE & UP, Slovenia), Marica Mikuljan (InnoRenew CoE, Slovenia), Ievgen Pylypchuk (Stockholm University, Sweden), Grzegorz Kowaluk (Warsaw University of Life Sciences, Poland), Matthew Schwarzkopf (InnoRenew CoE & UP, Slovenia)

“Use of lignin-based adhesive for fibreboard and plywood” ●