



## **CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING CEEL 2021**

*Scientific conference with international participation  
29th January 2021. Novi Sad, Serbia*

*Conference Organizer: University of Novi Sad, Faculty of Technical Sciences, Department of  
Production Engineering, Chair of Metrology, Quality, Equipment, Tools, and Ecological-Engineering  
Aspects*

### **CONFERENCE PROGRAMME**

09:30 - 10:00	Registration of participants through the MS Teams application
<b>OPENING</b>	
10:00 - 10:20	Word of the project coordinator – Božydar Ziółkowski, PhD, Eng., assistant professor, Rzeszow University of Technology.
	Word of the programme committee chair – Boris Agarski, PhD, assistant professor, University of Novi Sad, Faculty of Technical Sciences.
<b>SESSION 1a CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION Chairman: Sanja Jevtić, Boris Agarski</b>	
10:20 – 11:50	Marzena Hajduk-Stelmachowicz: ISO STANDARDIZATION IN SERBIA AND POLAND AS THE INDICATOR OF INNOVATION ACTIVITY IN CIRCULAR ECONOMY
	Nusret Imamović, Vehid Birdahić, Muvedet Šišić: ENERGIJSKO CERTIFICIRANJE OBJEKTA STUDENTSKOG CENTRA ZENICA PRIMENOM SOFTVERA KI EXPERT PLUS
	Andjela Milošević, Željko Kamberović, Vaso Manojlović, Jovana Djokić, Nataša Gajić: CHARACTERIZATION OF WASTE COMPUTER PROCESSORS AND PROPOSAL OF THE METALS VALORIZATION PROCESS
	Livija Cveticanin, Ivona Ninkov: SELF-DRIVING CAR AND LEGAL REGULATION

	<p>Violeta Balšić, Jovana Đokić, Zoran Anđić, Sanja Jevtić, Željko Kamberović: ADSORPCIJA KORISNIH METALA IZ KONDENZATA DOBIJENOG VAKUUM PIROLIZOM BATERIJA NA ALUMOSILIKATNIM MINERALIMA</p> <p>Aleksandra Miletić, Branka Pilić: CIRCULAR ECONOMY OF POLYMERIC MATERIALS</p>
11:50 - 12:00	Break
<p><b>SESSION 1b</b> <b>CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION</b> Chairman: Zorica Miroslavljević, Milana Ilić Mićunović</p>	
12:00 – 13:30	<p>Siniša Sremac: PAKOVANJE OPASNIH MATERIJU U PROPISANU AMBALAŽU</p> <p>Jovana Grahovac, Ivana Pajčin, Vanja Vlajkov, Aleksandar Jokić, Jelena Dodić: POTENCIJAL IMPLEMENTACIJE PRINCIPA CIRKULARNE EKONOMIJE U TEHNOLOGIJU PROIZVODNJE BIOLOŠKIH AGENASA NA TERITORIJI AP VOJVODIN</p> <p>Milutin Živković, Radovan Nikolić, Goran Mihajlović: CIRKULARNA EKONOMIJA NA PRIMERU PROIZVODNJE ZUPČASTIH PUMPI</p> <p>Aleksandra Pavlović, Andrea Ivanišević, Mladen Radišić, Alpar Lošonc: INVESTICIJE U UPRAVLJANJE ČVRSTIM OTPADOM U SRBIJI</p> <p>Danica Vukajlović, Gorana Miličić Stančić, Vladimir Mučenski: PROTECTIVE DISPOSABLE FACE MASKS -EFFECTIVE EQUIPMENT AGAINST COVID-19 TRANSMISSION: A POTENTIAL SOURCE OF POLLUTION OF ENVIRONMENT AS PART OF CRITICAL INFRASTRUCTURE</p> <p>Zorica Miroslavljević, Dragana Štrbac: ISPITIVANJE MOGUĆNOSTI PRELASKA NA CIRKULARNU EKONOMIJU U GRAĐEVINSKOJ INDUSTRIJI UPOTREBOM OTPADNOG STAKLA</p>
13:30 – 13:45	Break
<p><b>SESSION 2</b> <b>CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING</b> Chairman: Bożydar Ziółkowski, Igor Budak</p>	
13:45 - 15:30	<p>Aleksandra Lwowska, Elżbieta Szczygieł: BETWEEN DECLARATION AND ACTION – AN ANALYSIS OF THE RESULTS OF RESEARCH ON CIRCULAR BEHAVIOR UNDERTAKEN BY HOUSEHOLDS</p> <p>Maciej Lech Wróblewski, Boris Agarski: COMPARISON OF PRODUCT CATEGORIES FROM DIFFERENT EPD PROGRAM OPERATORS</p> <p>Nevena Vukić, Đorđe Popović, Dejan Kojić: ECOLABEL CRITERIA FOR TEXTILE PRODUCTS WITH FOCUS ON CHEMICALS IN PRINTING PROCESSES</p> <p>Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny: DETERMINANTS OF SOCIAL INTEREST IN ENVIRONMENTAL</p>



	<p>LABELS AND DECLARATIONS IN POLAND</p> <p>Bożydar Ziółkowski, Marzena Jankowska-Miśłowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny: CONSUMERS’ KNOWLEDGE ON ENVIRONMENTAL LABELS AND DECLARATIONS IN POLAND</p> <p>Juraj Šebo, Marek Moravec: RATING OF THE PROBLEMS AND OPPORTUNITIES OF THE DISSEMINATION OF ECOLABELS IN SLOVAKIA</p> <p>Monika Karková: NATIONAL SURVEY IN THE FIELD OF PUBLIC AWARENESS OF ENVIRONMENTAL LABELING IN THE CZECH REPUBLIC</p> <p>Milana Ilić Mićunović, Boris Agarski, Igor Budak: THE IMPACT OF ENVIRONMENTAL LABELS PRESENCE AND AWARENESS AMONG CONSUMERS IN REPUBLIC OF SERBIA</p>
15:30 – 16:00	Official closing of the conference – round table

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## CONFERENCE INSTRUCTIONS

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Participants can join the online CEEL 2021 conference using the MS Teams application or internet browser.

Instructions for joining the conference can be found in the document "CEEL\_2021\_MS\_Teams\_Instructions".

Papers should be presented in PowerPoint format. The presentation time is limited to max. 10 minutes.

Discussion after presentation is limited up to 5 minutes.

During the speech and discussion, participants are asked to turn on their microphones and cameras. Participants who do not take part in the discussion are asked to turn off the cameras and microphones during the conference.



## AFFILIACION

<b>OPENING</b>		
10:00	dr Božydar Ziółkowski, assis. prof.	Rzeszów University of Technology, Faculty of Management, Poland
10:20	dr Boris Agarski, assis. prof.	University of Novi Sad, Faculty of Technical Sciences, Serbia
<b>SESSION 1a</b> <b>CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION</b>		
10:20 – 11:50	<p>Marzena Hajduk-Stelmachowicz</p> <p>Nusret Imamović, Vehid Birdahić, Muvedet Šišić</p> <p>Andjela Milošević, Željko Kamberović, Vaso Manojlović, Jovana Djokić, Nataša Gajić</p> <p>Livija Cveticanin, Ivona Ninkov</p> <p>Violeta Balšić, Jovana Đokić, Zoran Anđić, Sanja Jevtić, Željko Kamberović</p> <p>Aleksandra Miletić, Branka Pilić</p>	<p>Rzeszow University of Technology, Department of Economics, Poland</p> <p>University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina University of Zenica, Faculty of Mechanical Engineering, Bosnia and Herzegovina</p> <p>University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Innovation Centre of Faculty of Technology and Metallurgy in Belgrade Ltd., Serbia</p> <p>University of Novi Sad, Faculty of Technical Sciences, Serbia Obuda University, Doctoral School of Safety and Security Sciences, Budapest</p> <p>University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Innovation Centre of Faculty of Chemistry in Belgrade Ltd., Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia University of Belgrade, Faculty of Technology and Metallurgy, Serbia</p> <p>University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia</p>
<b>SESSION 1b</b> <b>CIRCULAR ECONOMY AND ENVIRONMENTAL PROTECTION</b>		
12:00 – 13:30	<p>Siniša Sremac Dragan Smiljanić</p> <p>Jovana Grahovac, Ivana Pajčin, Vanja Vlajkov, Aleksandar Jokić, Jelena Dodić</p> <p>Milutin Živković, Radovan Nikolić, Goran Mihajlović</p> <p>Aleksandra Pavlović, Andrea Ivanišević, Mladen Radišić, Alpar Lošonc</p>	<p>University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia</p> <p>University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia University of Novi Sad, Faculty of Technology Novi Sad, Serbia</p> <p>Academy of Professional Studies Sumadija - Department in Trstenik, Serbia Academy of Professional Studies Sumadija - Department in Trstenik, Serbia Academy of Professional Studies Sumadija - Department in Trstenik, Serbia</p> <p>University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia</p>



	Danica Vukajlović, Gorana Miličić Stančić, Vladimir Mučenski  Zorica Mirosavljević, Dragana Štrbac	University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia  University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia
<b>SESSION 2 CIRCULAR ECONOMY AND ENVIRONMENTAL LABELLING</b>		
13:45 - 15:30	Aleksandra Lwowska, Elżbieta Szczygieł  Maciej Lech Wróblewski, Boris Agarski  Nevena Vukić, Đorđe Popović, Dejan Kojić  Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny  Bożydar Ziółkowski, Marzena Jankowska-Mihułowicz, Katarzyna Chudy-Laskowska, Dariusz Wyrwa, Janusz Strojny  Juraj Šebo, Marek Moravec  Monika Karková  Milana Ilić Mićunović, Boris Agarski, Igor Budak	Pedagogical University of Krakow, Institute of Law and Economics, Poland Pedagogical University of Krakow, Institute of Law and Economics, Poland  Poznan University of Technology, Poland University of Novi Sad, Faculty of Technical Sciences, Serbia  University of Kragujevac, Faculty of Technical Sciences, Serbia University PIM, Faculty of Engineering, Bosnia and Herzegovina University PIM, Faculty of Engineering, Bosnia and Herzegovina  Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland  Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland Rzeszów University of Technology, Poland  Technical University of Košice, Slovakia Technical University of Košice, Slovakia  Institute of Technology and Business in České Budějovice, Czech Republic  University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia University of Novi Sad, Faculty of Technical Sciences, Serbia

## ACKNOWLEDGEMENT

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