



**LATVIJAS  
UNIVERSITĀTE**

**22<sup>nd</sup> INTERNATIONAL  
SCIENTIFIC CONFERENCE  
“EcoBalt 2021”**

**Riga, Latvia  
October 21–23, 2021**



**EcoBalt 2021**

**Programme**



UNIVERSITY  
OF LATVIA



EcoBalt 2021

## Programme

21.10.2021

8.45–09.00	Joining the EcoBalt conference <a href="#">ZOOM platform</a>	
<b>First session; Chair: Dr. Agnese Osīte</b>		
09.00–09.20	<p><b>Prof. Indriķis Muižnieks</b> Rector of University of Latvia</p> <p><b>Prof. Arturs Viksna</b> Faculty of Chemistry</p> <p><b>Uģis Rotbergs</b> Chairman of the Board of the World Wide Fund for Nature; Ambassador of the Institute for Environmental Solutions</p>	Opening of the conference
09.20–09.40	<p><b>Greta Inkrataite, Ramunas Skaudzius, Stasys Tautkus, Aleksej Zarkov, Aivaras Kareiva</b></p>	STUDY OF SUBSTITUTION EFFECTS IN THE YTTRIUM ALUMINIUM GARNET SYNTHESIZED BY ENVIRONMENTALLY BENIGN SOL-GEL SYNTHESIS METHOD ( <b>Invited Speaker</b> )
09.40–10.00	<p><b>Irina Shtangeeva, Maris Bērtiņš, Arturs Viksna</b></p>	INFLUENCE OF RUBIDIUM ON ACCUMULATION OF MACRO- AND TRACE ELEMENTS IN TWO PLANT SPECIES AND IN THE RHIZOSPHERE SOIL ( <b>Invited Speaker</b> )
10.00–10.15	<p><b>Mehmet Veysi Çetiz, Halbay Turumtay, Erdal Kaya, Neriman Özhatay, Emine Akyüz Turumtay</b></p>	INVESTIGATION OF PHYTOCHEMICAL PROPERTIES OF PAEONIA L. GENUS BELONG TO TURKEY'S FLORA
10.15–10.30	<p><b>Anton Gradišek, Luka Pirker, Anja Pogačnik Krajnc, Urška Gradišar Centa, Jan Malec, Vladimir Radulović, Andreja Jelen, Igor B. Mekjavić, Janez Kovač, Miran Mozetič, Matej Godnič, Metod Čebašek, Tina Bregant, Luka Snoj, Maja</b></p>	PARTICLE REMOVAL EFFICIENCY OF FACE MASKS DURING THE COVID-19 PANDEMIC

	<i>Remškar</i>	
<b>10.30–10.45</b>	<b><u>K. D. Labsvards</u></b> , <i>V. Rudovica, J. Rusko, R. Kluga, L. Busa, M. Bertins, J. Naumenko, M. Salajeva, A. Viksna</i>	DETERMINATION OF LATVIAN HONEY FLORAL ORIGINS USING IRMS, UHPLC-HRMS, NMR
<b>10.45–11.00</b>	<b>Coffee break, discussions (on-line)</b>	
<b>Second session; Chair: Dr. Ingus Pērkonis</b>		
<b>11.00–11.20</b>	<b><u>Maja Remškar</u></b> , <i>Luka Pirker, Bojana Višić, Anton Gradišek, Agnese Osīte</i>	<b>AIR POLLUTION BY NANOPARTICLES CAUSED BY USE OF PYROTECHNICS (Invited Speaker)</b>
<b>11.20–11.35</b>	<b><u>Zhanymgul Koishybayeva</u></b> , <i>Abdirash Akilbekov, Abay Ussenov, Anatoli I. Popov, A. Platonenko</i>	DFT STUDY OF GALLIUM OXIDE BULK PROPERTIES
<b>11.35–11.50</b>	<b><u>Yusuf Dilgin</u></b> , <i>Selen Ayaz, Gamze Emir, Serkan Karakaya, Didem Giray Dilgin</i>	ELECTROCHEMICAL SENSORS FOR DETERMINATION OF ENVIRONMENTALLY IMPORTANT COMPOUNDS USING DISPOSABLE PENCIL GRAPHITE ELECTRODES
<b>11.50–12.05</b>	<b><u>Artis Robalds</u></b>	RECOVERY OF MICROELEMENTS FROM POTATO JUICE BY BIOSORBENTS
<b>12.05–12.20</b>	<b><u>I. Reinholds</u></b> , <i>U. Eismonts, K. Saleniece, M. Bertins, A. Viksna, G. Kizane, O. Muter, A. Podjava, A. T. Boginska, S. Gaidukovs, A. Grinbergs</i>	EFFECTIVE REMOVAL OF RADIOACTIVE CESIUM FROM CONTAMINATED WATER ENVIRONMENTS BY IN SITU SYNTHESIZED IRON HEXACYANOFERRATE IMOBILIZED ON CELLULOSE ACETATE ESTERS
<b>12.20–13.20</b>	<b>Launch break, discussions online</b>	
<b>Third session; Chair: Prof. Vadims Bartkevičs</b>		
<b>13.20-13.40</b>	<b><u>Juris Burlakovs</u></b> , <i>Ruta Ozola-Davidane, Maris Klavins</i>	INNOVATIVE COMPOSITE SORBENTS FOR ORGANIC AND INORGANIC POLLUTANTS REMOVAL FROM AQUEOUS SOLUTIONS IN LANDFILL LEACHATES ( <b>Invited Speaker</b> )
<b>13.40-13.55</b>	<b><u>Daniela Godina</u></b> , <i>Kristine Meile, Aivars Zhurinsh, Arturs Viksna</i>	BIO-CHAR CATALYST APPLICATION FOR GLUCOSIDE HYDROLYSIS REACTION
<b>13.55-14.10</b>	<b><u>Matiss Pals</u></b> , <i>Maris Lauberts, Alexandr Arshanitsa, Arturs Viksna</i>	THE OPTIMISATION OF ORGANOSOLV PROCESS OF BARK DELIGNIFICATION PROCESS WITH FOCUS ON PURIFICATION OF ISOLATED LIGNIN FRACTION
<b>14.10-14.25</b>	<b><u>Hans Orru</u></b> , <i>Triin Veber, Katrin Lang, Inge Ringmets, Tanel Tamm, Marek Maasikmets, Leena Albrecht, Märten Lukk</i>	EXPOSURE TO AIR POLLUTION IN THE OIL SHALE REGION IN ESTONIA AND RELATED BIRTH EFFECTS

14.25-14.40	<b><u>Modestas Ružauskas</u></b> , Elena Bartkienė, Jurga Bernatoniene, Daiva Žadeikė, Arūnas Stankevičius, Vita Lėlė, Vytautė Starkutė, Paulina Zavistanavičiūtė, Juozas Grigas, Eglė Zokaitytė, Arnoldas Pautienius, Gražina Juodeikienė, Valdas Jakštas	INFLUENCE OF MULTICOMPONENT NUTRACEUTICAL ON GUT MICROBIOTA IN EXPERIMENTAL ANIMALS
14.40 – 14.55	<b><u>Inese Martisone</u></b> , Kristine Sproge, Lasma Akulova, Zanna Martinsone, Linda Matisane	HUMAN BIOMONITORING INITIATIVE – FUTURE FOR HUMAN EXPOSURE ASSESSMENT TO CHEMICALS
14.55-15.10	<b>Coffee break, discussions (on-line)</b>	
15.10-17.10	<b>Chair: Lauma Buša</b>	<b>POSTER SESSION 1</b>
15.10-15.15	<b><u>Linda Ansonė-Bertina</u></b> , Maris Klavins, Viesturs Ozols, Lauris Arbidans	METAL ORGANIC FRAMEWORK COMPOSITES FOR CARBON DIOXIDE CAPTURE
15.15– 15.20	<b><u>Vytautas Kavaliauskas</u></b> , Vilma Olšauskaitė, Audrius Padarauskas	HYDROPHOBIC EUTECTIC SOLVENT FOR LIQUID-PHASE MICROEXTRACTION OF PARABENS FROM WATER SAMPLES
15.20-15.25	<b><u>Luīze Terēze Medne</u></b> , Jānis Ģībietis	DETERMINATION OF PHOSPHATES IN SOIL BY RAPID TEST METHOD
15.25-15.30	<b><u>Martina Navrátilová</u></b> , Andrea Sochová, Daniela Vráblová, Lenka Skálová	MONITORING OF ALBENDAZOLE TRANSFER FROM SHEEP DUNG TO FODDER PLANTS AND ADJACENT SOIL BY UHPLC-MS
15.30 – 15.35	<b><u>Ingrīda Radveikienė</u></b> , Gintautas Bagdžiūnas	INSIGHTS INTO AN ELECTROCHEMISTRY OF NEUROTRANSMITTERS USING THE CYCLODEXTRINS MODIFIED ELECTRODES
15.35 – 15.40	<b><u>Eleonora Rieksta</u></b> , Jānis Ģībietis	DETERMINATION OF FORMALDEHYDE BY THE “GREEN” RAPID TEST METHOD
15.40 – 15.45	<b><u>D. Riekstina</u></b> , A. Egleskalns, G. Kizane, O. Skrypnik, T. Krasta	NATURAL RADIOACTIVITY LEVELS IN GRANITE
15.45 – 15.50	<b><u>Ilga Lauma Leimane</u></b> , Jānis Ģībietis	DETERMINATION OF NON-FERROUS METALS IN SOIL SAMPLES USING TEST STRIP METHOD
15.50 –15.55	<b><u>Valda Valkovska</u></b> , Liāna Orola	ECO-FRIENDLY DYEING OF WOOLLEN YARN USING LATVIAN TRADITIONAL DYE PLANTS
15.55 –16.00	<b><u>Aija Trimdale-Deksne</u></b> , Agris Bērziņš	A MULTI-TECHNIQUE APPROACH TO UNDERSTAND THE DIHYDROXYBENZOIC ACID DIFFERENT PROPENSITIES TO FORM SOLID PHASES
16.00–16.05	<b><u>Aina Semjonova</u></b> , Agris	CRYSTALLIZATION AND STABILIZATION OF 2,6-

	<i>Bērziņš</i>	DIMETHOXYPHENYLBORONIC ACID METASTABLE POLYMORPH USING SURFACTANTS
16.05-16.10	<b><u>Henrieta Markevičiūtē</u></b> , <i>Nijolė Dukštienė, Valentina Krylova</i>	THE STRUCTURAL, MORPHOLOGICAL AND OPTICAL PROPERTIES OF PA6/Ag-Cd-Se LIGHT-ABSORBING MATERIALS
16.10–16.15	<b><u>Aneka Klavina</u></b> , <i>Ilona Pavlovska, Agris Auce, Laura Komarovska, Linda Paegle, Linda Dobkevica, Inese Martisone, Ivars Vanadzins</i>	EVALUATION OF SAPROPEL SEDIMENTS FOR MEDICAL PURPOSES
16.15–16.20	<b><u>Edīta Sodaitienė</u></b> , <i>Audronė Gefenienė, Sigitas Jankauskas, Rimantas Ramanauskas, Romas Ragauskas</i>	COMPARATIVE STUDY OF DIFFERENT ADSORBENTS FOR ANODIZED ALUMINUM DYE REMOVAL
16.20 -16.25	<i>Evaldas Simanavičius,</i> <b><u>Kristina Jančaitienė</u></b> , <i>Rasa Šlinkšienė</i>	DEVELOPMENT OF HYDROPONICS SYSTEMS WITH BIOACTIVE SUBSTANCES
16.25 –16.30	<i>Austėja Mikolaitienė,</i> <b><u>Rasa Šlinkšienė</u></b>	EFFECT OF STARCH ADDITIVE ON THE PROPERTIES AND SOLUBILITY OF UREA GRANULES
16.30–16.35	<b><u>A.Zuševica</u></b> , <i>E.Muižnieks, S.Žigure, S.Celma, T.A.Štāls, K.Dūmiņš, S.Rancāne, D.Lazdiņa</i>	HEAVY METAL ACCUMULATION CAPACITY OF VARIOUS LOCAL HERBACEOUS SPECIES COMMUNITIES CULTIVATED IN MUNICIPAL BIOWASTE SUBSTRATE WITH CONSTRUCTION DEBRIS ADMIX
16.35–16.40	<b><u>Zane Klavina</u></b> , <i>Arta Bārdule, Ivars Kļaviņš, Zane Lībiete</i>	VARIATION IN METHYLMERCURY CONCENTRATIONS IN ENVIRONMENTAL SAMPLES IN FOREST LAND AND WETLANDS WITH ORGANIC SOILS IN LATVIA
16.40–16.45	<b><u>Ramūnas Diliautas</u></b> , <i>Aldona Beganskiene, Dovydas Karoblis, Dalis Baltrunas, Kestutis Mazeika, Aleksej Zarkov, Aivaras Kareiva</i>	STRUCTURAL, MORPHOLOGICAL AND MAGNETIC INVESTIGATION OF Bi <sub>1-x</sub> Gd <sub>x</sub> Fe <sub>0.85</sub> Mn <sub>0.15</sub> O <sub>3</sub> SOLID-SOLUTIONS
16.45–16.50	<b><u>Vladlens Grebnevs</u></b> , <i>Roman Viter, Şahin Altundal, Kārlis Grundšteins, Agnieszka Stołarczyk, Arturs Vīksna, Wojciech Simka</i>	SOLUTIONS ON THE WAY TO PREPARATION OF CARBONATED TITANIUM IMPLANT COATINGS VIA PLASMA ELECTROLYTIC OXIDATION IN SUSPENSIONS
16.50–16.55	<b><u>Andrzej Gawor</u></b> , <i>Andrii Tupys, Anna Ruszczyńska, Ewa Bulska</i>	APPLICATION OF HR-CS GF MAS FOR FLUORINE DETERMINATION IN BIOLOGICAL SAMPLES
16.55 – 17.00	<b><u>Līga Avotina</u></b> , <i>Arturs Zarins, Mihails Halitovs, Larisa</i>	THERMAL DECOMPOSITION AND SPECTROMETRIC ANALYSIS OF IRRADIATED KERATINOUS FIBERS

	<i>Baumane, Aleksandrs Petjukevics, Gunta Kizane</i>	
17.00 – 17.05	<b><u>Estefanija Novicka</u></b> , <i>Iveta Pugajeva, Ingars Reinholds, Vadims Bartkevics</i>	TWO-DIMENSIONAL LIQUID CHROMATOGRAPHY – HIGH RESOLUTION MASS SPECTROMETRY METHOD FOR SIMULTANEOUS MONITORING OF 70 REGULATED AND EMERGING MYCOTOXINS
17.05 – 17.10	<b><u>Aiga Anna Pudule</u></b> , <i>Laura Komarovska, Arturs Vīksna, Dārta Ūbele, Kārlis Agris Gross</i>	NANOSTRUCTURING AMORPHOUS CALCIUM PHOSPHATE: CARBONATE INCLUSION
17.10 –	<b>Discussions on-line</b>	

**22.10.2021**

8.45–09.00	<b>Joining the EcoBalt conference <a href="#">ZOOM platform</a></b>	
<b>Fourth session; Chair: Prof. Arturs Vīksna</b>		
09.00–09.20	<b><u>Markéta Holá</u></b> , <i>Vojtěch Wertich, Jan Dobeš, Martin Kubeš, Juraj Mozola, Jaromír Leichmann, Viktor Kanický</i>	LA-ICP-MS IMAGING WITH FOCUS ON GEOLOGICAL MATERIALS ( <b>Invited Speaker</b> )
09.20–09.40	<i>Salih CAN SÜNER, Halime ÇEVİKBAŞ, Seyhan ULUSOY, Gülgün TINAZ, <b><u>Ayhan ORAL</u></b></i>	PREPARATION OF WOUND HEALING NANOFIBER MATERIAL THAT CONTAINING CINNAMALDEHYDE ( <b>Invited Speaker</b> )
09.40–09.55	<b><u>Merve Danisman</u></b> , <i>Ayhan Oral</i>	SURFACE MODIFICATION OF GRAPHENE OXIDE BY ENZYME CATALYZED REACTION
09.55–10.15	<b><u>Inģus Pērkons</u></b> , <i>Laura Elīna Ikkere, Veronika Šukajeva, Iveta Pugajeva</i>	FINGERPRINTING HUMAN PHARMACEUTICALS, ILLICIT DRUGS AND NEW PSYCHOACTIVE SUBSTANCES IN WASTEWATER: A MULTI-METHOD APPROACH
10.15–10.25	<b>Coffee break, discussions (on-line)</b>	
<b>Fifth session; Chair: Assoc. prof. Agris Bērziņš</b>		
10.25–10.40	<i>Jakub Karasiński, <b><u>Andrii Tupys</u></b>, Ludwik Halicz, Ewa Bulska</i>	A NEW METHOD FOR MEASURING GERMANIUM ISOTOPE RATIOS IN MINERALS AND WATER SAMPLES USING MC-ICP-MS AFTER THE FORMATION OF VOLATILE HYDRIDES
10.40–11.00	<b><u>Arunas Ramanavicius</u></b> , <i>Eivydas Andriukonis, Raimonda Celiesiute-Germaniene, Simonas Ramanavicius, Aura Kisieliute, Monika Vilkiene, Urte Samukaite-Bubniene</i>	DEVELOPMENT OF MICROBIAL FUEL CELLS ( <b>Invited Speaker</b> )

11.00–11.15	<b><u>Žanna Martinsons</u></b> , Lāsma Akūlova, Aneka Kļaviņa, Linda Paegle, Inese Mārtiņšone, Darja Kaļūznaja, Marija Avota, Ivars Vanadziņš	EXPLORING CAUSES, EFFECTS AND POSSIBLE SOLUTIONS FOR CHEMICAL POLLUTION IN THE ENVIRONMENT: CITIZENS' AND EXPERTS' OPINION
11.15–11.30	<b><u>Lāsma Akūlova</u></b> , Inese Mārtiņšone, Žanna Martinsons, Laura Komarovska, Anita Seile, Svetlana Lakiša, Ivars Vanadziņš	HBM4EU – HUMAN BIOMONITORING INITIATIVE IN LATVIA: STUDY ON PESTICIDE MIXTURES IN ADULT AND CHILDREN POPULATION
11.30–11.45	<b><u>Zanda Brike</u></b> , Rīta Veilande, Maris Strazds, Kristiana Rancane, Anda Abola, Atis	MERCURY CONCENTRATION IN THE FAECES OF BLACK STORKS
11.45–12.00	<b><u>Vitālijs Lazarenko</u></b> , Yelyzaveta Rublova, Raimonds Meija, Jana Andžāne, Vanda Voikiva, Arturs Viksna, Donāts Erts	APPLICATION OF INNOVATIVE Bi <sub>2</sub> Se <sub>3</sub> THIN FILMS AS ANODES IN AQUEOUS RECHARGEABLE LITHIUM-ION BATTERIES
12.00–12.40	<b>Launch break, discussions (on-line)</b>	
<b>Sixth session; Chair. Prof. Māris Kļaviņš</b>		
12.40 – 13.00	<b><u>Ivo Leito</u></b> , Asko Laaniste, Koit Herodes	ONLINE COURSE AND SOFTWARE FOR LC-MS METHOD VALIDATION ( <b>Invited Speaker</b> )
13.00-13.15	<b><u>Laura Elīna Ikkere</u></b> , Iveta Pugajeva, Veronika Šukajeva, Ingus Pērkons	WASTEWATER-BASED EPIDEMIOLOGY AS A TOOL FOR PUBLIC HEALTH AND LIFESTYLE ASSESSMENT
13.15–13.30	<b><u>Zane Berzina</u></b> , Romans Pavlenko, Laura Elina Ikkere, Vadims Bartkevics	APPLICATION OF WASTEWATER – BASED EPIDEMIOLOGY FOR TRACKING HUMAN EXPOSURE TO DEOXYNIVALENOL AND ENNIATINS
13:30–13.45	<b><u>Maris Bertins</u></b> , Agnese Brangule, Vitalijs Lazarenko, Agnese Osīte, Arturs Viksna	POSSIBILITIES FOR INTERFERENCE REDUCTION IN ICP-MS/MS SYSTEM USING He COLLISION CELL
13.45–14.00	<b><u>Signija Zake</u></b> , Maris Bertins, Dagnija Lazdina, Karlis Dumins, Arturs Viksna	APPLICATION OF NITROGEN AND CARBON STABLE ISOTOPE RATIO MASS SPECTROMETRY FOR NITROGEN CIRCULATION STUDIES DURING CONIFER PLANTING
14.00-14.15	<b><u>Kristaps Oskalns</u></b> , Maris Bertins, Edgars Selickis, Arturs Viksna	APPLICATION OF MULTIFACTOR ANALYSIS FOR DRINKING WATER QUALITY CONTROL IN RIGA CITY
14.15–14.30	<b><u>Kristaps Saršūns</u></b> , Kaspars Leduskrasts, Agris Bērziņš, Toms Reķis	MODULATION OF LUMINESCENCE SPECTRA VIA SOLID SOLUTION FORMATION OF THIOXANTHONE DERIVATIVES
14.30-14.45	<b>Coffee break, discussions (on-line)</b>	

14.45-16.25	Chair: Kristaps Saršūns POSTER SESSION 2	
14.45-14.50	<b>Maris Klavins</b> , Marcis Mezulis, Linards Klavins, Viktor Stabnikov, Andrii Marynin, Olena Stabnikova	INTERACTION BETWEEN MICROPLASTICS AND CHEMICAL POLLUTANTS
14.50-14.55	<b>Vida Vičkačkaitė</b> , Marija Lukoševičiūtė	HEADSPACE-GAS CHROMATOGRAPHIC DETERMINATION OF $\beta$ -CARYOPHYLLENE IN EPILOBIUM ANGUSTIFOLIUM EXTRACTS
14.55-15.00	<b>Grzegorz Wryk</b> , Agnieszka Borowiec, Iwona Gąsiorowska, Katarzyna Stopka, Beata Kondraszuk, Andrzej Gawor, Eliza Kurek, Ewa Bulska	AN IMPROVEMENT OF THE ANALYTICAL PROTOCOL OF GLYPHOSATE QUANTIFICATION IN FOOD SAFETY AREA
15.00-15.05	<b>Pille-Riin Laanet</b> , Piret Saar-Reismaa, Merike Vaher	ANALYSIS OF SYNTHETIC AND PHYTOCANNABINOIDS USING MICELLAR ELECTROKINETIC CHROMATOGRAPHY
15.05-15.10	<b>Dovilė Račauskaitė</b> , Rasa Šlinkšienė	COFFEE GROUNDS IMPACT ON A RYE GROWTH
15.10-15.15	<b>Agne Kizalaite</b> , Tomas Murauskas, Aleksej Zarkov	INSIGHT INTO THE FORMATION OF ZINC WHITLOCKITE: SYNTHESIS, STRUCTURE AND CHARACTERISATION
15.15-15.20	<b>Dovydas Karoblis</b> , Aleksej Zarkov, Aldona Beganskiene, Aivaras Kareiva	PREPARATION OF RUDDLESDEN-POPPER CALCIUM MANGANITES APPLYING MOLTEN SALT SYNTHESIS
15.20-15.25	<b>Greta Inkrataitė</b> , Ramūnas Skaudžius	INFLUENCE OF BORON AND MAGNESIUM IONS ON YAG:Ce AND LuAG:Ce CERAMICS
15.25-15.30	Goda Gudinskaitė, <b>Rasa Paleckienė</b> , Rasa Šlinkšienė	COMPATIBILITY OF LIQUID FERTILIZERS AND HUMIC SUBSTANCES
15.30-15.35	<b>Diana Grišiuotė</b> , Aivaras Kareiva, Aleksej Zarkov	SYNTHESIS OF $\beta$ -Ca <sub>2</sub> P <sub>2</sub> O <sub>7</sub> AS AN ADSORBENT FOR THE REMOVAL OF HEAVY METALS FROM WATER
15.35-15.40	<b>Odeta Brigaitytė</b> , Rasa Šlinkšienė	SUITABILITY OF ECOLOGICAL BUCKWHEAT GROATS WASTE FOR FERTILIZER PRODUCTION
15.40 -15.45	<b>Daria Pashneva</b> , Ieva Uogintė, Julija Pauraitė, Agnė Minderytė, Kristina Plauškaitė, Valda Araminienė, Eugenija Farida Dzenajavičienė, Valda Gudynaitė-Franckevičienė, Iveta Varnagirytė-Kabašinskienė, Nerijus Pedišius, Egidijus Lemanas, Tomas Vonžodas, Steigvilė Byčenkienė	BLACK CARBON DEPOSITION ON TREE FOLIAGE AN URBAN BACKGROUND IN VILNIUS



15.45-15.50	<i>Kęstutis Čeplinskas, <b>Andrius Jaskūnas</b></i>	PREPARATION OF MIXED OXIDE CATALYSTS FOR VOLATILE ORGANIC COMPOUND ABATEMENT
15.50-15.55	<i><b>Megija Neimane</b>, Vitālijs Lazarenko, Māris Bērtiņš, Arturs Vīksna, Dagnija Lazdiņa, Kristaps Makovskis, Ilze Kārkliņa, Andis Lazdiņš</i>	VARIATIONS OF MICRO- AND RARE EARTH ELEMENTS IN THE BOTTOM AND FLY WOOD ASH
15.55-16.00	<i><b>Armands Egleskalns</b>, Ingars Reinholds, Konstantīns Bavrins, Gunta Kizane</i>	ASSESSMENT OF RADIONUCLIDES IN FORMER SALASPILS NUCLEAR REACTOR COOLING WATER
16.00-16.05	<i><b>Romans Pavļenko</b>, Zane Bērziņa, Mārtiņš Jansons, Vadims Bartkevičs</i>	ANALYSIS OF WASTEWATER SAMPLES FOR DETERMINATION OF MYCOTOXINS
16.05-16.10	<i><b>Sergejs Osipovs</b>, Aleksandrs Pučkins</i>	DEVELOPMENT OF A METHOD FOR THE TAR ANALYSIS IN CO-PRODUCED GAS
16.10-16.15	<i><b>Aleksandrs Pučkins</b>, Sergejs Osipovs</i>	ANALYSIS OF POLLUTANTS IN INDUSTRIAL WATER USED FOR COOLING OF CO-PRODUCED GASES
16.15-16.20	<i><b>L. Zorza</b>, M. Bertins, K. Saleniece, A. Viksna, A. Grinbergs, O. Muter</i>	ACCUMULATION OF CESIUM-133 IN AQUATIC PLANTS AND ITS EFFECT ON THE PHYSIOLOGICAL ACTIVITY OF PLANTS AND AQUATIC MICROORGANISMS
16.20-16.25	<i><b>Viktor Stabnikov</b>, Andrii Marynin, Olena Stabnikova, Maris Klavins</i>	THE MICROBIALLY-COATED MICROPLASTICS IN NEUSTONIC WATER-AIR INTERPHASE
16.25	<b>Discussions on-line, conference closing</b>	

23.10.2021

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