

MME SEE

CONGRESS 2023

5th Metallurgical & Materials Engineering
Congress of South-East Europe
Trebinje, Bosnia and Herzegovina
7-10th June 2023



CONGRESS PROGRAM

June 7, 2023

16:00-19:00

Participant registration

20:00-23:00

Welcome party

June 8, 2023

9:00

Opening ceremony

Moderator: Sanja Martinović

9:30

Plenary lectures

Moderators: Boštjan Markoli, Sanja Martinović

9:30

Corby Anderson, STRATEGIC & CRITICAL METAL & MATERIAL PRODUCTION WITH NSC & ASL HYDROMETALLURGICAL TECHNOLOGIES, Kroll Institute for Extractive Metallurgy (KIEM), Colorado School of Mines, Golden, USA

10:00

Julia Glaum, PIEZOELECTRIC MATERIALS FOR BIOMEDICAL APPLICATIONS: FUNCTIONALITY UNDER SPECIAL BOUNDARY CONDITIONS, Norwegian University of Science and Technology, Trondheim, Norway

10:30

Invited lectures

Moderators: Boštjan Markoli, Sanja Martinović

10:30

Miljana Radivojević, THE RISE OF METALLURGY IN EURASIA: GOING BEYOND THE 'FIRST' AND THE 'EARLIEST' AFTER A DECADE OF ARCHAEOLOGICAL RESEARCH IN THE BALKANS, UCL Institute of Archaeology, London, United Kingdom

10:50

Branimir Grgur, CHALLENGES IN ENERGY STORAGE, Faculty of technology and metallurgy, Belgrade, Serbia

11:15

Coffee break

11:45

Oral presentation

Moderators: Željko Kamberović, Natalija Dolić

11:45

Mile Djurdjevic, Srećko Manasijević, DETERMINATION OF OPTIMAL MODIFIER LEVEL FOR EUTECTIC SILICON PHASE IN HYPOEUTECTIC ALSI7MG0.3CU0.5 CAST ALLOY

11:55

Vladimir Malbašić, Aleksandar Vasić, PRODUCTION AND USE PERSPECTIVES FOR LJUBIJA IRON ORES

12:05

Grozdana Bogdanović, Sanja Petrović, A NOVEL APPROACH TO COPPER LEACHING FROM CHALCOPYRITE WITH SULPHURIC ACID SOLUTIONS

12:15

Dragana Randelović, Gvozden Jovanović, Branislav Marković, Miroslav Sokić, REE EXTRACTION FROM HYPERACCUMULATING PLANTS: CHALLENGES AND PROSPECTS

12:25

Miloš Ognjanović, Biljana Dojčinović, Dalibor Stanković, Marija Mirković, Sanja Vranješ-Durić, Bratislav Antić, MULTICORE FLOWER-LIKE MAGNETITE FOR POTENTIAL APPLICATION IN CANCER NANOMEDICINE

12:45

Presentation of sponsors

COPPER MILL, Sevojno, Serbia

MC LABOR, Belgrade, Serbia

13:30

Lunch break

15:00

Facultative excursion - Trebinje

June 9, 2023

9:30

Plenary lectures

Moderators: Kemal Delijić, Zdenka Zovko-Brodarac

09:30

Mohd Sabri Mohd Ghazali, EFFECT OF DIFFERENT CaSiO₃ CONTENTS ON THE MICROSTRUCTURE AND ELECTRICAL PERFORMANCE OF ZnO-BASED VARISTOR CERAMICS, University Malaysia Terengganu, Terengganu, Malaysia

10:00

Subramshu S. Bhattacharya, Horst Hahn, THE FASCINATING WORLD OF MULTICOMPONENT HIGH ENTROPY OXIDES: SYNTHESIS, CHARACTERISATION AND APPLICATIONS, Nanofunctional Materials Technology Centre (NFMTC), IIT Madras, Chennai, India

10:30

Invited lectures

10:30

Alexander Birich, Bernd Friedrich, CYANIDE ALTERNATIVES FOR GOLD RECOVERY FROM PRIMARY AND SECONDARY RESOURCES, RWTH Aachen University, Aachen, Germany

10:50

Srđan Stanković, Stefanie Hetz, Axel Schippers, PERSPECTIVES OF NICKEL LATERITE BIOHYDROMETALLURGY, Federal Institute for Geosciences and Natural Resources, Hannover , Germany

11:10

Branko Matović, SINTERING OF CERAMICS MATERIALS BY USING ULTRA-HIGH PRESSURES, University of Belgrade, Vinča Institute of Nuclear Sciences, Belgrade, Serbia

11:30

Coffee break

12:00

Oral presentation

Moderators: Miljana Popović, Borislav Malinović

12:00

Boštjan Markoli, Iztok Naglič, Blaž Leskovar, Adam Zaky, Žan Kresnik, Andrej Resnik, SPECIAL COPPER ALLOYS FOR MOULDS IN PRODUCTION OF HIGH-END GLASS PRODUCTS

12:10

Iztok Naglič, Blaž Leskovar, Adam Zaky, Boštjan Markoli, Jovica Stojanović, Željko Kamberović, QUASICRYSTALS IN AL-MN-BASED ALLOYS CONTAINING COPPER, CALCIUM AND STRONTIUM

12:20

Adam Zaky, Blaž Leskovar, Iztok Naglič, Boštjan Markoli, OPTIMISATION OF AN AL-MN ALLOY REINFORCED WITH QUASICRYSTALS

12:30

Zdenka Zovko Brodarac, Franjo Kozina, Davor Stanić, Martin Folta, QUALITY ASSESSMENT OF THE ALSI9CU3(Fe) ALLOY WITH REGARD TO RECYCLING RATIO

12:40

Gordana Marković, Vaso Manojlović, Miroslav Sokić, Jovana Ružić, Dušan Milojkov, Aleksandra Patarić, PREDICTING THE MODULUS OF ELASTICITY OF BIOCOMPATIBLE TITANIUM ALLOYS USING MACHINE LEARNING

13:00

Lunch break

15:00

Oral presentation

Moderators: Veljko Đokić, Jovana Ružić

15:00

Tatjana Volkov-Husović, Sanja Martinović, Ana Alil, Milica Vlahović, CAVITATION EROSION RESISTANCE OF SOME ENGINEERING MATERIALS

15:10

Sanja Martinović, Ana Alil, Aleksandar Savić, Dragomir Glišić, Dragana Živojinović, Tatjana Volkov-Husović, PRINCIPAL COMPONENT ANALYSIS OF MORPHOLOGICAL DESCRIPTORS FOR ASSESSMENT OF SURFACE DEFECTS INDUCED BY EXTREME CONDITIONS

15:20

Radomir Radiša, Srećko Manasijević, Nedeljko Dučić, Aleksandar Jovičić, CIRCULAR ECONOMY AND DIGITALIZATION IN CAST PRODUCTION

15:30

Jovana Ružić, Marko Simić, Dušan Božić, Nikolay Stoimenov, Stanislav Goshev, Jelena Stašić, STUDY OF THE CHANGES IN MECHANICAL PROPERTIES OF THE COPPER-ZIRCONIUM ALLOYS INFLUENCED BY MINOR BORON ADDITION

15:40

Nikola Kanas, Reshma Madathil, Annu Sharma, Vladimir Srdić, Bojan Miljević, Srđan Rakić, Subramshu Bhattacharya, Stevan Armaković, UNDERSTANDING THE ELECTRONIC STRUCTURE AND TRANSPORT PROPERTIES OF A-SITE CO-SUBSTITUTED $\text{SRTiO}_{3-\delta}$ CERAMICS WITH ENHANCED CONFIGURATION ENTROPY

16:30

Poster session I

Moderators: Aleksandra Daković, Vaso Manojlović

17:30

Coffee break

18:00

Poster session II

Moderators: Vesna Maksimović, Branislav Marković

20:00

Gala dinner

June 10, 2023

9:30

Oral presentation

Moderators: Miroslav Sokić, Sanja Martinović

9:30

Jelena Vujančević, Špela Trafela, Neža Sodnik, Zoran Samardžija, Kristina Žagar Soderžnik,
ELECTROCHEMICAL SENSORS FOR DETECTION OF BISPHEOLS

9:40

Wan Mohamad Ikhmal Wan Mohamad Kamaruzzaman, Muhamad Syaizwadi Shaifudin, Nursabrina Amirah Mohd Nasir, Nur Aiman Syafiq Mohd Hamidi, Nusaibah Yusof, Azila Adnan, Lee Oon Jew, Wan Mohd Norsani Wan Nik, Mohd Sabri Mohd Ghazali,
ANTICORROSIVE IMPROVEMENTS OF WATERBORNE POLYURETHANE COATINGS USING EGGSHELLS BIOWASTE FOR MILD STEEL IN ARTIFICIAL SEAWATER

9:50

Nadira Bušatlić, Ilhan Bušatlić, Dženana Smajić-Terzić, GEOPOLYMERS BASED ON FLY ASH FROM THE STANARI THERMAL POWER PLANT

10:00

Milica Stojković, Sofija Dedić, Maja Đolić, Mirjana Čujić, Vladimir Pavićević, Mirjana Ristić, Aleksandra Perić-Grujić, THE OPTIMIZATION OF METALS AND METALLOIDS EXTRACTION FROM FLY ASH

10:10

Sonja Smiljanić, Uroš Hribar, Matjaž Spraitzer, Jakob König, CRYSTALLIZATION CONTROL IN FOAM GLASS PREPARATION FROM CONTAINER GLASS WASTE

10:20

Marija Marković, Aleksandra Daković, Danijela Smiljanić, Milena Obradović, Milica Ožegović, BENTONITE CLAYS AS AFLATOXIN B₁ ADSORBENTS

11:00

Closing ceremony

12:00

Lunch break

13:00

Facultative excursion – Dubrovnik town

Poster session I

Raw materials

- RM-01 *Milica Vidak Vasić, Lidija Radovanović, Zagorka Radojević*, RAW KAOLINITIC-ILLITIC CLAYS FOR THE PRODUCTION OF REFRACTORY CERAMICS
- RM-02 *Vladimir Jovanović, Dejan Todorović, Branislav Ivošević, Dragan Radulović, Mladen Bugarčić, Sonja Milićević*, THE ADVANTAGES OF USING PELLETIZED GYPSUM COMPARED TO POWDERED

New industrial achievements, developments, and trends in metals/materials

- AT-01 *Sanja Jevtić, Vaso Manojlović, Milisav Ranitović, Nataša Gajić, Marija Štulović, Željko Kamberović*, JAROSITE FROM ZINC HYDROMETALLURGY: THERMODYNAMIC AND KINETIC APPROACH
- AT-02 *Nenad Milosavljević, Tamara Ristić, Goran Jevtić, Mijajlo Jauković*, ANALYSIS OF EFFECTIVENESS OF BOTTOM STIRRING AFTER THE MODERNIZATION ON BASIC OXYGEN FURNACE NO. 2 IN HBIS GROUP SERBIA
- AT-03 *Ivan Stojković, Vladimir Pavićević, Ivana Banković-Ilić, Vlada Veljković*, COMPARING PURIFICATION METHODS OF CRUDE BIODIESEL OBTAINED BY TRANSESTERIFICATION OF VARIOUS OILY FEEDSTOCKS OVER CALCIUM-BASED CATALYSTS

Ferrous and nonferrous metals production

- MP-01 *Miloš Marković, Darija Đorđević, Vaso Manojlović, Aleksandar Vasić, Željko Kamberović*, THE EFFECT OF THE PLASTIC TO COKE RATIO ON THE MOST CRITICAL PROCESS PARAMETERS IN A BLAST FURNACE
- MP-02 *Tomisav Bradarić, Aleksandar Vasić*, CONTRIBUTION TO LOWER COSTS BY INCREASE OF MANGANESE IN HOT METAL IN HBIS'S STEELWORKS IN SMEDEREVO

Metal forming, casting, refractories, and powder metallurgy

- PW-01 *Vladimir Pavkov, Gordana Bakić, Vesna Maksimović, Ivana Cvijović-Alagić, Marija Prekajski Đorđević, Dušan Bučevac, Branko Matović*, HIGH-DENSITY GLASS-CERAMIC MATERIALS OBTAINED BY POWDER METALLURGY
- PW-02 *Jelena Stašić, Milan Trtica, Jovana Ružić, Marko Simić, Andrijana Žekić, Dušan Božić*, SURFACE EFFECTS INDUCED BY SHORT-PULSED LASERS ON PM-SYNTHESIZED CuCrZr ALLOY
- PW-03 *Marko Simić, Jovana Ružić, Jelena Erčić, Dušan Božić, Željko Radovanović, Jelena Stašić*, INFLUENCE OF THE MILLING TIME ON THE STRUCTURAL PARAMETERS OF Cu-Zr-B ALLOYS
- PW-04 *Dimitrije Anđić, Vaso Manojlović, Željko Kamberović, Branislav Marković, Nataša Gajić, Miljana Popović, Gvozden Jovanović*, EVALUATION OF PARAMETERS FOR THE PRODUCTION OF Al-WO₃ COMPOSITES

New and advanced ceramics, polymers, and composites

- CP-01 *Muhamad Syaizwadi Shaifudin, Mohd Sabri Mohd Ghazali, Wan Mohamad Ikhmal Wan Mohamad Kamaruzzaman, Wan Rafizah Wan Abdullah, Lee Oon Jew,* MICROSTRUCTURE AND ELECTRICAL PERFORMANCE OF BARIUM TITANATE DOPED ZINC OXIDE VARISTOR CERAMICS VIA SIMPLIFIED CITRAGE-GEL METHOD
- CP-02 *Danina Krajišnik, Snežana Uskoković-Marković, Aleksandra Daković, Danijela Smiljanić, Maja Kozarski, Vesna Lazić,* PREPARATION AND CHARACTERIZATION OF CHITOSAN-CLAY COMPOSITES AS POTENTIAL DRUG CARRIERS

Characterization and structure of materials

- CS-01 *Ljubiša Balanović, Dajana Milkić, Dragan Manasijević, Ivana Marković, Milan Gorgievski, Uroš Stamenković, Kristina Božinović,* MICROSTRUCTURAL AND THERMAL CHARACTERIZATION OF THE Bi-In-Sn TERNARY ALLOYS
- CS-02 *Ljubica Radović, Fernando Carrasco López, Igor Radisavljević, Nenad Radović,* DISTRIBUTION OF ALLOYING ELEMENTS IN FRICTION STIR WELDED AA2024-T351 ALLOY
- CS-03 *Dragana Mihajlović, Marko Rakin, Đorđe Veljović, Bojan Međo, Veljko Đokić,* ADVANCEMENT OF BIOCOMPATIBILITY AND MECHANICAL SURFACE CHARACTERISTICS OF THE Ti-13Nb-13Zr ALLOY USING ELECTROCHEMICAL ANODIZATION
- CS-04 *Natalija Dolić, Zdenka Zovko Brodarac, Franjo Kozina,* INFLUENCE OF HOMOGENIZATION ON CHEMICAL PROPERTIES OF ALUMINUM ALLOY EN AW-5083
- CS-05 *Dragan Manasijević, Ljubiša Balanović, Ivana Marković, Milan Gorgievski, Uroš Stamenković, Kristina Božinović, Duško Minić, Milena Premović Zečević,* MICROSTRUCTURE AND THERMAL CONDUCTIVITY OF THE Ag-Bi-Sn TERNARY ALLOYS
- CS-06 *Marija Mihailović, Aleksandra Patarić, Snežana Aksentijević, Branka Jordović,* MICROSTRUCTURE DEVELOPMENT DURING HEAT TREATMENT OF HIGH CHROMIUM WHITE CAST IRON
- CS-07 *Aleksandra Patarić, Gordana Marković, Nataša Đorđević, Slavica Mihajlović, Marija Mihailović,* MICROSTRUCTURE ASSESSMENT OF Co ALLOY INTENDED FOR DENTISTRY
- CS-08 *Jakov Dimitrijević, Julijana Tadić, Vukašin Ugrinović, Tamara Matić, Đorđe Janačković, Đorđe Veljović,* IMPROVED MECHANICAL AND BIOLOGICAL PROPERTIES OF CHITOSAN COATED SCAFFOLDS BASED ON HYDROXYAPATITE DOPED WITH Mg, Sr AND Cu

- CS-09 *Aleksandra Popović, Branimir Grgur*, OPTIMIZING ELECTROCHEMICAL ANALYSIS FOR THE ACCURATE CHARACTERIZATION OF ELECTRODE MATERIALS IN ENERGY STORAGE APPLICATIONS: A COMPREHENSIVE GUIDE TO ELECTROCHEMICALLY ANALYZING MATERIALS
- CS-010 *Maja Kokunešoski, Aleksandra Šaponjić, Zvezdana Baščarević, Ivan Jovanović, Jelena Filipović Tričković, Ana Valenta Šobot*, PRELIMINARY CYTOTOXICITY TESTING OF NEWLY SYNTHESISED SBA-15 MATERIAL
- CS-011 *Jelena Nikolić, Vladimir Topalović, Marija Došić, Veljko Savić, Milena Obradović, Srđan Matijašević, Snežana Grujić*, DISSOLUTION OF POLYPHOSPHATE GLASS: IMPACT OF pH ON DIFFUSION COEFFICIENTS OF MODIFYING CATIONS AT LOW TEMPERATURES
- CS-012 *Tatjana Šoštarić, Stefan Kolašinac, Zorica Lopičić, Anja Antansković, Vladimir Adamović, Jelena Avdalović, Mladen Bugarčić*, CHARACTERIZATION OF RAW PEACH STONES AND ITS BIOCHAR BY SEM, FTIR AND RAMAN SPECTROSCOPY
- CS-013 *Aleksandar Đorđević, Milena Zečević, Duško Minić*, EFFECT OF CHEMICAL COMPOSITION ON THE MICROSTRUCTURE, HARDNESS, AND ELECTRICAL CONDUCTIVITY OF THE TERNARY Bi-Cu-Ge SYSTEM

Poster session II

Recycling and waste minimization

- RW-01 *Uroš Stojaković, Aleksandar Jovanović, Ivana Mikavica, Branislav Marković, Vladimir Pavićević*, DIRECTIONS AND CHALLENGES OF THE CIRCULAR ECONOMY: MOVEMENT OF MUNICIPAL SOLID WASTE IN CITY OF PARAĆIN
- RW-02 *Silvana Dimitrijević, Stevan Dimitrijević, Aleksandra Ivanović, Marija Korać, Milisav Ranitović*, COMPARATION OF CORROSION AND MECHANICAL PROPERTIES OF COMMERCIAL AND RECYCLED 6060 AND 6082 ALUMINIUM ALLOYS
- RW-03 *Milisav Ranitović, Željko Kamberović, Marija Korać, Dragana Ivsić, Nikola Jovanović*, INFLUENCE OF WPCBS MECHANICAL PRE-PROCESSING ON BASE METALS LEACHING EFFICIENCY

Corrosion, coating, and protection of materials

- CR-01 *Aleksandra Ivanović, Silvana Dimitrijević, Stevan Dimitrijević, Renata Kovačević*, DEALLOYING OF PdNi5 ALLOY IN 1.0 M NITRIC ACID
- CR-02 *Marija Korać, Stevan Dimitrijević, Kemal Delijić, Silvana Dimitrijević, Željko Kamberović*, INFLUENCE OF ZINC ADDITION ON ANTI-TARNISH SILVER ALLOYS IN FOUR DIFFERENT SYSTEMS
- CR-03 *Miljana Popović, Ana Alil, Bojan Gligorijević, Endre Romhanji*, INFLUENCE OF COLD ROLLING AND ANNEALING ON THE MECHANICAL AND CORROSION PROPERTIES OF AN AA5182 Al-Mg ALLOY

CR-04 *Milovan Stoilković, Vladimir Pavkov, Gordana Bakić, Aleksa Luković, Vesna Maksimović*, CORROSION OF CERAMIC-METAL COMPOSITES IN ARTIFICIAL ACID RAIN

Process control and modeling

MO-01 *Milana Zarić, Mirjana Kijevčanin, Ivona Radović*, INFLUENCE OF FUNCTIONAL GROUPS ON THERMODYNAMIC PROPERTIES OF BINARY MIXTURES

MO-02 *Gvozden Jovanović, Vaso Manojlović, Miroslav Sokić, Alen Delić, Milorad Gavrilovski*, INFLUENCE OF MOLD PREHEATING ON RAILWAY ALUMINOTHERMIC WELDING CASTING SIMULATION

Nanotechnology

NT-01 *Miloš Ognjanović, Biljana Dojčinović, Bratislav Antić, Dalibor Stanković*, NANOSCALE METAL OXIDES AS MATERIALS USED FOR MODIFICATION OF CARBON-BASED ELECTRODES IN ELECTROCHEMICAL SENSORS

Sustainable development

SD-01 *Dušan Milojkov, Miroslav Sokić, Angelina Mitrović, Danijela Smiljanić, Jelena Petrović, Marija Simić, Vukosava Živković-Radovanović*, DEVELOPMENT OF SUSTAINABLE METHOD FOR METAL RECOVERY FROM OLD FLOTATION TAILINGS (MAJDANPEK, SERBIA) USING *Aspergillus niger* FUNGUS

SD-02 *Nemanja Barać, Katarina Dimić-Mišić, Monireh Imani, Petar Uskoković, Ernesto Barceló, Patrick Gane, Đorđe Janačković*, APPLICATION OF SUSTAINABLE MATERIALS IN THE NOX REDUCTION OF AIR POLLUTION

SD-03 *Vesna Lazarević, Ivan Stojković, Ivana Banković-Ilić, Vlada Veljković*, DESIGN OF A PILOT PLANT FOR CHEMICAL TREATMENT OF THE SPENT MINERAL OIL-IN-WATER EMULSION FROM NON-FERROUS METAL PROCESSING

Welding

WD-01 *Stefan Dikić, Mihajlo Arandjelović, Simon Sedmak, Radomir Jovičić, Dragomir Glišić*, EFFECTS OF MULTIPLE WELDING DEFECTS ON MECHANICAL PROPERTIES OF WELDED JOINT

WD-02 *Nebojša Tadić, Mitar Mišović, Žarko Radović, Ratka Petrović*, CHARACTERIZATION OF FRICTION STIR WELDING JOINTS IN 7075-T6 ALLOY PLATES

Environmental protection

EP-01 *Aleksandar Jovanović, Mladen Bugarčić, Marija Stevanović, Miroslav Sokić, Aleksandar Marinković*, SEQUENCING BATCH REACTOR SYSTEMS FOR THE TREATMENT OF WASTEWATER

- EP-02 *Marija Simić, Jelena Petrović, Marija Ercegović, Marija Koprivica, Jelena Dimitrijević, Aleksandar Jovanović, Dušan Milojkov*, Mg/Fe-PYRO-HYDRO CHAR DERIVED FROM CORN COB AS EFFECTIVE ADSORBENT OF LEAD REMOVAL FROM AQUEOUS SOLUTIONS
- EP-03 *Janko Živanić, Mladen Bugarčić, Anja Antanasković, Zorica Lopičić, Miroslav Sokić, Aleksandar Jovanović, Milan Milivojević*, THE ADSORPTION OF ARSENATE IONS FROM AQUEOUS SOLUTIONS BY COMPOSITE PARTICLES OF NATURAL POLYMERS AND METAL OXIDES
- EP-04 *Danijela Smiljanić, Aleksandra Daković, Milena Obradović, Marija Marković, Milica Ožegović, Milena Pantić, Danina Krajišnik*, CLAY-CHITOSAN-SURFACTANT COMPOSITES AS EFFICIENT ADSORBENTS OF ZEARALENONE
- EP-05 *Jelena Petrović, Marija Ercegović, Marija Simić, Marija Koprivica, Marija Marković, Jelena Dimitrijević*, HYDROCHAR-DERIVED HIGHLY EFFICIENT ADSORBENT FOR COPPER IONS REMOVAL
- EP-06 *Nela Vujović, Vesna Alivojvodić, Miroslav Sokić, Gvozden Jovanović, Branislav Marković, Željko Kamberović*, INNOVATIVE INDUSTRIAL SYMBIOSIS APPROACH FOR ACIDIC MINE DRAINAGE NEUTRALIZATION
- EP-07 *Jovana Bošnjaković, Nataša Knežević, Aleksandar Marinković, Srećko Manasijević, Andrija Savić, Milena Milošević*, REMOVAL OF MESOTRIONE BY HETEROGENEOUS PHOTOCATALYTIC TREATMENT USING UV-VIS LAMP AS LIGHT SOURCE
- EP-08 *Nataša Knežević, Jovana Bošnjaković, Marija Vuksanović, Jovana Milanović, Ljiljana Janković-Mandić, Adela Egelja, Aleksandar Marinković*, TESTING OF THE ADSORPTION-DEGRADATION CAPACITY OF CRYSTAL VIOLET DRY WITH OXIDIZED COTTON LINTERS
- EP-09 *Katarina Sokić, Jelena Dikić, Đorđe Veljović, Jovana Đokić, Zoran Anđić, Sanja Jevtić*, MECHANOCHEMICAL SYNTHESIS AND CHARACTERIZATION OF THE ADSORBENTS BASED ON NATURAL ZEOLITE AND HYDROXYAPATITE
- EP-010 *Borislav Malinović, Anđela Bojić, Draženko Bjelić, Tijana Đuričić*, NICKEL RECOVERY FROM STATIC RINSING IN THE ELECTROPLATING PROCESS
- EP-011 *Dimitrije Petrović, Marija Egerić, Yi-nan Wu, Aleksandar Vukadinović, Aleksandar Devečerski, Ljiljana Matović, Radojka Vujasin*, PHOTOCATALYTIC DEGRADATION OF CONGO RED DYE USING UiO-66 MOF-METAL OXIDES COMPOSITES

Sensors

- SN-01 *Abhilash Krishnamurthy, Špela Trafela, Kristina Žagar Soderžnik*, DETECTION AND SENSING OF BENZENEDIOLS USING MODIFIED SCREEN PRINTED ELECTRODES

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