



MME SEE

CONGRESS 2025

**6th Metallurgical & Materials Engineering
Congress of South-East Europe
Trebinje, Bosnia and Herzegovina
4-7th June 2025**

CONGRESS PROGRAM



June 4, 2025

16:00-19:00

Registration of participants

20:00-23:00

Welcome party

June 5, 2025

9:30

Opening ceremony

Moderator: Đorđe Ogrizović

10:00

Plenary lectures

Moderators: Željko Kamberović, Borislav Malinović

10:00

Vladimir Reković, NOVEL MATERIALS IN PARTICLE PHYSICS EXPERIMENTS WITH HL-LHC AT CERN, Vinča Institute of Nuclear Sciences - National Institute of the Republic of Serbia, University of Belgrade, Belgrade, Serbia

10:30

Georgios E. Christidis, DEPOSITS OF CRITICAL METALS (Li, Ni and Co) ASSOCIATED WITH CLAY HORIZONS, Technical University of Crete, School of Mineral Resources Engineering, Chania, Greece

11:00

Marija Drndić, COUPLED NANOPORES FOR NANOFUIDIC AND SENSING APPLICATIONS, Department of Physics and Astronomy, University of Pennsylvania, Philadelphia, USA

11:30

Sponsor presentation - HBIS

11:45

Coffee break

12:15

Invited lectures

Moderators: Zdenka Zovko-Brodarac, Miroslav Sokić

12:15

Miljana Radivojević, FORGING CONNECTIONS, FUELLING CHANGE: THE ENVIRONMENTAL AND ECONOMIC IMPACT OF EURASIAN BRONZE AGE METALLURGY, UCL Institute of Archaeology, London, United Kingdom

12:35

Srećko Stopić, USE OF HYDROGEN FOR IRON RECOVERY FROM BAUXITE RESIDUE (BR). IME Process Metallurgy and Metal Recycling, RWTH Aachen University, Aachen, Germany

12:55

Snežana Antonijević, SCIENTIFIC DIASPORA AS AN IMPORTANT PARTNER IN THE TRANSFER OF KNOWLEDGE, Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ), Germany

13:15

Sponsor presentation – Zijin Copper

13:30

Lunch break

15:00

Oral presentations

Moderators: Veljko Đokić, Marija Korać

15:00

Mile Djurdjević, Srećko Manasijević, Aleksandra Patarić, Marija Mihailovic, Radomir Radisa DETERMINATION OF LATENT HEAT FOR AlSi7Cu1 ALLOY APPLYING DSC, TA, AND COMMERCIAL SOFTWARE PACKAGES

15:10

Mirko Stamatović, Srećko Stopić, Dejan Jovanović, Dimitrije Anđić, Bernd Friedrich SYNTHESIS OF TIN SULFIDE USING HIGH EXOTHERMIC REACTION

15:20

Andreja Živković, Milodarka Žugić, Vesna Zlatović FUEL OPTIMIZATION IN BLAST FURNACES: BURDEN CONTROL AND RAFT MANAGEMENT

15:30

Aleksandra Ivanović, Silvana Dimitrijević, Stevan Dimitrijević Cu-Sn-Pb BIMETALS: PREDICTION OF BRINELL HARDNESS

15:40

Silvana Dimitrijević, Aleksandra Ivanović, Stevan Dimitrijević, Jelena Stefanović, Stefan Đorđievski, Mirjana Šteharik ELECTROCHEMICAL RECOVERY OF NICKEL FROM SPENT Ni-Cd BATTERIES

16:30 Lecture hall

Poster session I

16:30 Red Room (registration needed)

Workshop: OPPORTUNITIES FOR APPLYING MODERN INSPECTION TECHNIQUES TO ENSURE FACILITY INTEGRITY (*Facilitator: Stefan Dikić*)

18:00- 20:00

Visit Winery Vukoje

June 6, 2025

9:30

Plenary lectures

Moderators: Sanja Jevtić, Branislav Marković

9:30

Igor Đerđ, HIGH-ENTROPY OXIDES - PROMISING MULTIFUNCTIONAL MATERIALS, Department of Chemistry, Josip Juraj Strossmayer, University of Osijek, Osijek, Croatia

10:00

Susai Rajendran, INVESTIGATION OF THE CORROSION BEHAVIOR OF METALLIC BIOMATERIALS IN SIMULATED PHYSIOLOGICAL FLUIDS, Corrosion Research Centre, Department of Chemistry, St Antony's College of Arts and Sciences for Women, Dindigul, India (*online*)

10:30

Invited lectures

10:30

Elif Emil-Kaya, RECYCLING SILICON FROM SECONDARY SOURCES: WASTE SOLAR WAFERS AND DIAMOND WIRE SAW KERF SLURRY IN PHOTOVOLTAIC INDUSTRY, Norwegian University of Science and Technology, Department of Materials Science and Engineering, Trondheim, Norway

10:50

Natalia Vasyunina, PROPOSED METHODS FOR PROCESSING RED MUD, Siberian Federal University, Krasnoyarsk, Russia (*online*)

11:15

Sponsor presentation – MC Labor

11:30

Coffee break

12:00

Industry Field Trip – Hydroelectric Power Station Trebinje

14:00

Lunch break

15:30

Oral presentation

Moderators: Miljana Radivojević, Vaso Manojlović

15:30

Radovan Kukobat, Ranko Škrbić, Suzana Gotovac Atlagić, Borislav N. Malinović, Darko Bodroža LETROZOLE DRUG DISSOLUTION FROM CLINOPTILOLITE ZEOLITE: EXPERIMENTAL AND THEORETICAL CONSIDERATIONS

15:40

Gordana Marković, Jovana Ružić, Vaso Manojlović, Francisco Javier Dominguez Gutierrez NANOMECHANICAL RESPONSE OF SINGLE-CRYSTALLINE TITANIUM AT HIGH TEMPERATURES: A MOLECULAR DYNAMICS STUDY

15:50

Alexandra Farcas, István Tóth, Lorand Parajdi, Alex-Adrian Farcas AI-ENHANCED POLYMER-BASED NANOPLATFORMS FOR DRUG/GENE DELIVERY

16:00

Željko Šutović, Dragica Ječmenica, Goran Vukićević, Tianwu Liu, Dragomir Glišić, Stefan Dikić, Nenad Radović DEVELOPMENT OF S500MC GRADE MICROALLOYED STEEL IN HBIS SERBIA HOT STRIP MILL

16:10

Predrag Jovančić, Aleksandar Madžarević, Filip Miletić, Stevan Đenadić, Nevena Stojković, Ivica Ristović SYMBIOSIS OF SURFACE HARDNESS OF STRUCTURE AND MATERIAL FATIGUE – PROJECTION OF REMAINING LIFETIME

16:20

Nenad Milosavljević, Tamara Ristić, Aleksandar Đukanović, Dejan Mašić TECHNOLOGICAL PROCESS AND QUALITY CONTROL IN THE STEEL PLANT DURING THE INTRODUCTION OF S460MC INTO THE PRODUCTION PROGRAM

17:00 Lecture hall

Poster session II

17:00 Red Room (registration needed)

Round table: RED MUD WASTE MANAGEMENT
(Facilitator: **Željko Kamberović**)

20:00-00:00

Gala dinner

June 7, 2025

10:00

Oral presentation

Moderators: Jovana Ružić, Stefan Dikić

10:00

Đorđe Ogrizović, Milica Delić, Tijana Spasojević, Naji Agilee, Vladimir Pavićević, Nevena Prlainović, Maja Đolić MODIFICATION OF AGRICULTURAL WASTES FOR IMPROVED PHOSPHATE REMOVAL FROM WASTEWATER

10:10

Jelena Vujančević, Neža Sodnik, Abhilash Krishnamurthy, Zoran Samardžija, Kristina Žagar Soderžnik PORTABLE ELECTROCHEMICAL SENSORS FOR THE DETECTION OF PMT CHEMICALS IN REAL SAMPLES

10:20

Jovana Đokić, Nataša Gajić, Dragana Radovanović, Marija Štulović, Željko Kamberović
THERMODYNAMIC ANALYSIS OF AN ALTERNATIVE GOLD LEACHING PROCESS:
POLYSULFIDES AND ADVANCED OXIDATION PROCESSES

10:30

Mile Djurdjević, Marija Mihailović, Aleksandra Patarić, Srećko Manasijević
ALUMINUM'S JOURNEY: CELEBRATING TWO CENTURIES OF METALLURGICAL INNOVATION AND
INDUSTRIAL GROWTH

10:40

Marko Simić, Dušan Božić, Jelena Stašić, Andrijana Žekić, Milica Milojević, Jovana Ružić
INFLUENCE OF THE TiB₂ PARTICLES ON THE MICROSTRUCTURAL AND
MECHANICAL PROPERTIES OF THE CuCrZr ALLOY

11:00

Closing ceremony

Moderator: Đorđe Ogrizović

12:00

Lunch break

13:00 - 20:00

Boka Kotorska Field Trip:

Perast town – Boat trip to “Our Lady of the Rocks” & Kotor City Guided Tour

Poster session I

Environmental Protection

- EP-01 *Jelena Dimitrijević, Sanja Jevtić, Marija Simić, Marija Koprivica, Aleksandar Jovanović, Marija Ercegović, Jelena Petrović* ADSORPTION OF Cd(II) IONS USING IMMOBILIZED OAT STRAW MODIFIED WITH A DEEP EUTECTIC SOLVENT: KINETIC AND STRUCTURAL INSIGHTS
- EP-02 *Nela Vujović, Marija Štulović, Aleksandra Vučinić, Gvozden Jovanović, Branislav Marković, Miroslav Sokić, Vesna Alivojvodić* BALANCING ECONOMIC GROWTH WITH ENVIRONMENTAL BENEFITS IN SERBIA'S MINING INDUSTRY
- EP-03 *Maja Kokunešoski, Vedran Milanković, Tamara Tasić, Tamara Lazarević-Pašti* CARBONIZED COFFEE BIOWASTE FOR THE ADSORPTIVE REMOVAL OF MALATHION FROM WATER
- EP-04 *Žarko Radović, Nebojša Tadić* CORRELATION OF EXCESS AIR RATIO IN METALLURGICAL FURNACES AND GREENHOUSE GASES EMISSION
- EP-05 *Aleksandar Devečerski, Marija Egerić, Djordje Petrović, Radojka Vujasin, Yi-nan Wu, Fengting Li, Ljiljana Matović* DECOMPOSITION OF THE CONGO RED DYE IN THE PRESENCE OF THE MOF/AC COMPOSITES

- EP-06 *Borislav N. Malinović, Tijana Đuričić, Pero Sailović, Dajana Dragić, Sanda Pilipović, Aleksandra Borković, Draženko Bjelić* ELECTROCHEMICAL REMOVAL OF HEXAVALENT CHROMIUM BY ELECTROCOAGULATION: COMPARATIVE STUDY OF BATCH AND CONTINUOUS REACTOR PERFORMANCE
- EP-07 *Denis Dinić, Katarina Sokić, Jelena Dikić, Zoran Anđić, Željko Kamberović, Sanja Jevtić* EVALUATION OF ECO-FRIENDLY POROUS CERAMICS FOR REMOVAL OF Zn^{2+} ION FROM AQUEOUS SOLUTIONS: KINETIC, EQUILIBRIUM AND THERMODYNAMIC STUDIES
- EP-08 *Jelena Petrović, Marija Simić, Marija Ercegović, Marija Koprivica, Jelena Dimitrijević, Dimitrije Anđić* EXPLORING THE ADSORPTION POTENTIAL OF HYDROCHARS: A MINI REVIEW
- EP-09 *Nataša Knežević, Marija Vuksanović, Aleksandar Marinković* MECHANICAL AND BIODEGRADABILITY PROPERTIES OF SYNTHESIZED BIO-MEMBRANES FROM WASTE HEMP FIBERS
- EP-010 *Katarina Sokić, Jelena Dikić, Željko Kamberović, Marija Koprivica, Sanja Jevtić* NEW APPROACHES AND APPLICATIONS OF NATURAL ZEOLITES FOR BORON ADSORPTION FROM AQUEOUS SOLUTIONS
- EP-011 *Ivana Mikavica, Dragana Randelović, Miloš Ilić, Dušan Milojkov, Aleksandar Jovanović, Milica Mišić, Jelena Mutić* POTENTIAL EFFECTS OF ENVIRONMENTAL MICROPLASTICS ON PHYTOREMEDIATION OF Cu, Mn AND Sr FROM SERBIAN URBAN SOILS
- EP-012 *Mirjana Čujić, Nataša Knežević, Filip Živković, Ljiljana Janković Mandić* RADIATION TECHNOLOGY IN THE LIGHT OF POLYMER WASTE RECYCLING
- EP-013 *Biljana Dojčinović, Željko Jaćimović, Miloš Ognjanović, Vojislav Spasojević, Bratislav Antić* RECYCLABLE Fe_3O_4 – $MgFe_2O_4$ SORBENTS AND THEIR Fe/Mg RATIO OPTIMIZATION FOR WATER DECONTAMINATION
- EP-014 *K.E. Druzhinin', N.V. Vasyunina, I.V. Dubova, S.P. Baksheev* SODIUM CYANIDE GENERATION BY COAL GASIFICATION
- EP-015 *Milica Ožegović, Aleksandra Daković, Milena Obradović, Marija Marković, Danijela Smiljanić* SURFACTANT-MODIFIED KAOLIN – ADSORBENT FOR OCHRATOXIN A AND KETOPROFEN
- EP-016 *Marija Simić, Marija Koprivica, Jelena Petrović, Jelena Dimitrijević, Marija Ercegović, Aleksandar Jovanović, Ivana Mikavica* UTILIZATION OF CORN BIOMASS WASTE FOR ADSORPTION OF METAL IONS: A SUSTAINABLE APPROACH FOR WATER DECONTAMINATION
- EP-017 *Jelena Isailović, Sandra Petković Papalazarou, Srecko Stopić, Aleksandar Bubanja, Svetlana Polavder, Milinko Radosavljević* RESOURCE FROM RECOVERY FGD GYPSUM: ADDRESSING ENVIRONMENTAL RISKS OF HAZARDOUS TRACE ELEMENTS FOR SAFER REUSE

Recycling and Waste Minimization

- RW-01 *Nataša Gajić, Marija Štulović, Jovana Đokić, Dragana Radovanović, Stevan Dimitrijević, Nikola Jovanović, Željko Kamberović* CHARACTERIZATION AND THERMODYNAMIC STUDY OF SULFIDATION OF SECONDARY ALKALINE LEAD SLAG
- RW-02 *Zoran Štirbanović, Jovica Sokolović, Jelena Gligorijević-Sokolović* CIRCULAR ECONOMY POTENTIAL OF COPPER INDUSTRY WASTE IN BOR, SERBIA
- RW-03 *Milica Delić, Maja Đolić, Aleksandra Perić-Grujić, Antonije Onjia* EXPERIMENTAL DESIGN OPTIMIZATION OF INTEGRATED ULTRASONIC- AND MICROWAVE-ASSISTED EXTRACTION OF RARE EARTH ELEMENTS FROM COAL ASH
- RW-04 *Grozdanka Bogdanović, Dragana Marilović, Vladan Nedelkovski, Zoran Stevanović, Miroslav Sokić* INFLUENCE OF OXIDANT CONCENTRATION ON THE LEACHING OF FLOTATION TAILINGS IN ACIDIC MEDIUM
- RW-05 *Nadira Bušatlić, Ilhan Bušatlić, Nevzet Merdić, Nedžad Haračić, Lamija Mujkanović* TECHNOGENIC WASTE AS A NEW INORGANIC BINDER

Sustainable development

- SD-01 *Marija Stojanović, Milica Miletić, Miroslav Sokić, Aleksandar Jovanović* RECYCLING AND REDUCTION OF PLASTIC WASTE IN THE EUROPEAN UNION AND SERBIA: THE REGULATORY FRAMEWORK AND MECHANISMS
- SD-02 *Vesna Alivojvodić, Dragana Radovanović, Gvozden Jovanović, Miroslav Sokić, Branislav Marković, Aleksandar Jovanović, Nela Vujović* MATERIAL FLOWS AND ENVIRONMENTAL CONSEQUENCES IN SERBIAN MINING PRACTICES
- SD-03 *Milica Mišić, Aleksandar Jovanović, Nikola Vuković, Dimitrije Anđić, Ivana Mikavica, Miroslav Sokić* DETERMINATION OF THE MORPHOLOGY OF TiO₂ PARTICLES OBTAINED BY GREEN SYNTHESIS USING WASTE BIOMASS

Biomaterials and Biomedical Applications

- BB-01 *Dragana Mihajlović, Jelena Bajat, Bojan Međo, Veljko Đokić* ENGINEERING TITANIUM-BASED BIOMATERIALS: HIGH-PRESSURE TORSION AND SURFACE NANOSTRUCTURING
- BB-02 *Bratislav Antić, Miloš Ognjanović, Biljana Dojčinović, Drina Janković, Sanja Vranješ-Đurić* LUTETIUM-177 LABELED ZEOLITIC IMIDAZOLATE FRAMEWORKS FOR BIOMEDICAL APPLICATIONS

Corrosion, Coating, and Protection of Materials

- CC-01 *Marija Korać, Stevan Dimitrijević, Kemal Delijić, Silvana Dimitrijević, Željko Kamberović* EFFECT OF ALUMINIUM ADDITION ON MECHANICAL AND CORROSION CHARACTERISTICS OF STERLING SILVER AgCuZnSi ALLOY
- CC-02 *Jelena Marinković, Dragana Lazić, Igor Radisavljević* EFFECT OF HEAT TREATMENT ON CORROSION RESISTANCE OF EN AW-7075 ALLOY
- CC-03 *Jovanka Pejić, Dunja Marunkić, Aleksandar Jovanović, Nikola Vuković, Bojana Radojković* ELECTROCHEMICAL EXAMINING OF CYSTINE AND CYSTEINE AS GREEN CORROSION INHIBITORS FOR 7075 ALUMINIUM ALLOY
- CC-04 *Aleksandra S. Popović, Milan Milivojević, Branimir N. Grgur* INNOVATIVE APPROACHES TO CORROSION CONTROL: INSIGHTS FROM ELECTROCHEMICAL METHODS AND POLYMER COATINGS
- CC-05 *Andjela Simovic, Jelena Bajat* NATURE-DERIVED CORROSION INHIBITION OF CARBON STEEL IN HCl BY BLACK PINE ESSENTIAL OIL AND ITS ACTIVE COMPOUNDS
- CC-06 *Vladimir Jovanović, Dejan Todorović, Branislav Ivošević, Dragan Radulović, Sonja Milićević, Pavle Stjepanović, Aleksej Komev* IMPROVING AGGLOMERATES THROUGH COATING

Materials for Energy Storage and Conversion

- ES-01 *Milica Košević, Sanja Krstić, Aleksandra Samolov, Miloš Pavić, Danica Bajić* BASIC SUPERCAPACITIVE PROPERTIES OF GRAPHENE/CARBON NON-WOVEN FABRIC COMPOSITE
- ES-02 *Aleksandra S. Popović, Vuk Radmilović, Lazar Rakočević, Branimir N. Grgur* COST-EFFECTIVE AND SUSTAINABLE ACTIVATION OF CARBON FELT

Poster session II

Metals and Alloy

- MA-01 *Natalija Dolić, Zdenka Zovko Brodarac, Franjo Kozina* HARDNESS TESTING OF Al-Mg SLABS
- MA-02 *Nebojša Tadić, Žarko Radović* INVESTIGATION OF THE PORTEVIN-LE CHATELIER EFFECT IN ALLOY 5083
- MA-03 *Aleksandar Đorđević, Milena Zečević, Veljko Minić, Duško Minić* INVESTIGATION OF THE TERNARY Al-Bi-Ge SYSTEM: DIFFERENTIAL THERMAL ANALYSIS, MECHANICAL AND ELECTRICAL PROPERTIES MEASUREMENTS
- MA-04 *Jovana Ružić, Jelena Stašić, Marko Simić, Dušan Božić* NANOINDENTATION BEHAVIOR OF THE CuCrZr ALLOY
- MA-05 *Veljko Minić, Miljana Popović, Milena Zečević, Jelena Miladinovic, Aleksandar Đorđević* PHASE CHARACTERIZATION AND EXPERIMENTAL STUDY OF THE TERNARY Al-Bi-Ge SYSTEM

- MA-07 *Krzysztof Żaba, Łukasz Woźniak, Maciej Balcerzak, Łukasz Kuczek, Sławomir Kąc, Marcin Madej, Stanisław Rusz* THE INFLUENCE OF 3D PRINTING PARAMETERS USING THE PBF-LB/M METHOD, VOLUMETRIC AND SURFACE TREATMENT ON THE PROPERTIES AND MICROSTRUCTURE OF M300 TOOL STEEL
- MA-08 *Ondřej Stejskal, Vít Novák, Marek Sroka* TRIBOLOGICAL PROPERTIES OF DC05 STEEL AT ELEVATED TEMPERATURES

Materials Processing and Manufacturing

- PM-01 *Miloš Marković, Gvozden Jovanović, Karlo Raić, Liangyuan Hao Pei Wang, Zhou Youngning, Li Guotao, Vaso Manojlović* SIMULATION OF THE IRON TRANSPORT LADLE PREHEATING PROCESS
- PM-02 *Karlo Raić, Vaso Manojlović, Bojan Paunović, Liangyuan Hao Pei Wang, Zhou Youngning, Li Guotao* ENERGY EFFICIENCY OF HOT STOVES FOR THE BLAST FURNACE
- PM-03 *Dejan Todorović, Vladimir Jovanović, Branislav Ivošević, Dragan Radulović, Sonja Milićević, Alexey Kornev* ADVANCEMENTS IN COMMUNUTION EQUIPMENT FOR MINING: INNOVATIONS IN CRUSHING AND GRINDING TECHNOLOGIES
- PM-04 *Maja Kokunešoski* CLAY-BASED FILTER FOR THE PURIFICATION OF INDUSTRIAL WATER
- PM-05 *Dimitrije Anđić, Aleksandar Jovanović, Nikola Vuković, Ivana Jelić, Mladen Bugarčić, Branislav Marković, Miroslav Sokić* OBTAINING Zn^{2+} FROM SPHALERITE CONCENTRATE
- PM-06 *Gvozden Jovanović, Vaso Manojlović, Alen Delić, Stefan Dikić, Milica Miletić, Miroslav Sokić* HIGH PRESSURE DIE CASTING SIMULATION OF ALUMINUM MOUNTING FRAME FOR RECESSED LIGHTING
- PM-07 *Jelena Stašić, Jovana Ružić, Marko Simić, Andrijana Žekić, Milica Milojević, Dušan Božić* HIGH-INTENSITY PULSED LASER EFFECTS ON THE SLM 316L ALLOY
- PM-08 *Dragana Radovanović, Srdjan Stanković, Sabina Kovač, Marija Štulović, Nela Petronijević, Jovana Đokić, Željko Kamberović* LEACHING OF MAGNESIUM FROM SERPENTINITE TAILINGS
- PM-09 *Kristina Božinović, Nada Štrbac, Miroslav Sokić, Duško Minić, Vesna Grekulović, Jovica Stojanović, Nela Vujović* THERMAL ANALYSIS AND KINETICS OF NATURAL MILLERITE OXIDATION PROCESS

Materials Characterization and Testing

- CT-01 *Marija Marković, Milica Ožegović, Danijela Smiljanić, Milena Obradović, Sanja Jevtić, Aleksandra Daković* AFLATOXIN B1 ADSORPTION BY BENTONITE AND COMPOSITES WITH CHITOSAN AND SURFACTANT

- CT-02 *Vesna Pejović, Aleksandar Ćitić, Jelena Marinković, Srdja Perković* CHARACTERISATION OF THE 316L STEEL PRODUCED BY LASER WIRE ADDITIVE MANUFACTURING
- CT-03 *Dimitrije Anđić, Miroslav Sokić, Aleksandar Jovanović, Danijela Smiljanić, Vaso Manojlović, Željko Kamberović* CHARACTERIZATION AND THERMAL DECOMPOSITION OF CERUSSITE
- CT-04 *Gvozden Jovanović, Dimitrije Anđić, Dragana Ranđelović, Tijana Zeremski, Marija Koprivica, Danijela Smiljanić, Branislav Marković* COMBUSTION OF CONTAMINATED *Sorghum* spp. FOR Zn EXTRACTION
- CT-05 *Aleksandra Patarić, Marija Mihailović, Branka Jordović* FACTORS INFLUENCING THE MECHANICAL PROPERTIES OF HIGH CHROMIUM WHITE CAST IRON
- CT-06 *Ljubiša Balanović, Aleksandar Nikolajević, Dragan Manasijević, Ivana Marković, Milan Gorgievski, Uroš Stamenković, Kristina Božinović* INVESTIGATION OF THERMAL AND ELECTRICAL PROPERTIES OF COPPER ALLOYS
- CT-07 *Zorica Lopičić, Anja Antanasković, Jelena Milojković, Vladimir Adamović, Milica Mišić, Aleksandra Janjićijević, Tatjana Šoštarić* PHYSICOCHEMICAL CHARACTERIZATION AND STABILITY OF BIOCHARS INTENDED TO BE APPLIED AS SOIL AMENDMENTS
- CT-08 *Marija Štulović, Dragana Radovanović, Nataša Gajić, Nela Vujović, Jovana Đokić, Željko Kamberović, Sanja Jevtić* THERMODYNAMIC SIMULATION OF FLY ASH AND FLOTATION TAILINGS GEOPOLYMERISATION PROCESS

Ceramics and Glasses

- CG-01 *Vladimir Pavkov, Gordana Bakić, Vesna Maksimović, Bojana Milićević, Aleksa Luković* CHANGES IN THE PHYSICAL PROPERTIES OF CERAMICS DERIVED FROM ANDESITE-BASALT AGGREGATE DUE TO DIFFERENT SINTERING TEMPERATURES
- CG-02 *Branko Matović* MULTICOMPONENT SOLID SOLUTION WITH PYROCHLORE STRUCTURE
- CG-03 *Jelena Nikolić, Marija Djošić, Vladimir Topalović, Veljko Savić, Dimitrije Anđić, Danijela Smiljanić, Snežana Grujić* SOLVENT-DEPENDENT KINETICS OF POLYPHOSPHATE GLASS HYDROLYSIS

Polymers and Composites

- PC-01 *Jovana Ilić Pajić, Vladimir Stijepović, Srdjan Perišić, Jasna Stajić-Trošić, Aleksandar Grujić* DYNAMIC MECHANICAL ANALYSIS OF POLYMER COMPOSITES WITH DIFFERENT TYPES OF MAGNETIC FILLERS
- PC-02 *Danica Bajić, Damjan Čekerevac, Miloš Pavić, Bojana Fidanovski, Aleksandar Ćitić, Marija Baltić, Milica Košević* EPOXY/PVB HYBRID COMPOSITES REINFORCED WITH NANO-BORON CARBIDE: STRUCTURE, THERMAL STABILITY, AND MECHANICAL RESISTANCE

- PC-03 *Marija Egerić, Ljiljana Matović, Branka Pilić, Aleksandra Nešić, Sanja Vranješ-Đurić, Magdalena Radović, Radojka Vujasin* REMOVAL OF YTTRIUM RADIOISOTOPES USING ELECTROSPUN NANOFIBERS AND THEIR UIO-66 COMPOSITES
- PC-04 *Srdjan Perišić, Jovana Vuković, Anđela Radisavljević, Jasna Stajić-Trošić, Aleksandar Grujić* THE MECHANICAL PROPERTIES OF WOOD-PLASTIC COMPOSITES IMPROVED BY METAL MESH LAYERS

GOLD SPONSORS

HBIS SERBIA



SILVER SPONSOR



OTHER SPONSORS



scan

LEADING TECHNICALLY
QUALIFIED EXPERTS

vacuum
cryotechnics
electron microscopy



Град
Требиње