



Chemistry and Chemical Technology 2026

International Scientific Conference

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ORGANIZED BY



Vilnius University



CENTER FOR PHYSICAL SCIENCES AND TECHNOLOGY



Klaipeda University



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Lithuanian Chemical Society

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PROGRAMME

8.00 – 9.00 Registration and Welcome Coffee (Santaka Valley)

9.00 – 9.30 Opening of the Conference (Santaka Valley)

- Opening address by the Vice-Rector for Research of Kaunas University of Technology
- Academic tributes in honour of Prof. Romualdas Baltrušis and Prof. Vaclova Zelionkaitė

9.30 – 11.00 Plenary Session – Keynote Lectures (Santaka Valley):

Session chairs: Prof. Vaida Kitrytė-Syrpa and Assoc. Prof. Vaidotas Kisielius

- Assoc. Prof. Jonas Baltrušaitis, Lehigh University (USA). Storing electron energy in high-value chemicals: from flue gas CO₂ electrochemical oxidation to formic acid co-production
- Prof. Rasa Pauliukaitė, Center for Physical Sciences and Technology (Lithuania). How could electroanalysis help improve well-being?
- Prof. Maris Turks, Riga Technical University (Latvia). 1,2-Metalloid Shift-Enabled Access to Allylic and Heterocyclic Systems from Propargyl Metalloids

11.00 – 11.30 Coffee break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

11.30 – 13.00 Plenary Session – Keynote Lectures (Santaka Valley):

Session chairs: Prof. Vaida Kitrytė-Syrpa and Assoc. Prof. Jonas Baltrušaitis

- Assoc. Prof. Vaidotas Kisielius, Aarhus University (Denmark). Visualizing metabolism: mass spectrometric imaging of localized biotransformation in biofilms
- Assoc. Prof. František Šoukal, Brno University of Technology (Czech Republic). Mineralogical Insights into Accelerated Carbonation Products
- Assoc. Prof. Eugenijus Urnėžius, University of Portland (United States of America). Expanded roles of benzoquinonoid platform rendered by phosphine, phosphine oxide, or phosphonato appendages: binucleating ligands for Ni(II) or Cu(II) centers, water-soluble electroactive substances, and single-benzene fluorophores

13.00 – 14.00 Lunch Break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

14.00 – 16.30 Parallel Sessions in Thematic Sections

- International Scientific Conference
Parallel Sessions in Thematic Sections (Santaka Valley)
- Student Scientific Conference
Oral Presentation Sessions in Thematic Sections (Faculty of Chemical Technology)

16.30 – 17.00 Coffee Break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

17.00 – 17.30 Awards and Closing of the Conference (Santaka Valley)

Oral Presentations

Room: **A225**

Section: **Polymer, Biochemical and Food Technologies**

Session Chair: Dr. Michail Syrpas

Evaluation Committee: Dr. Tadas Dambrauskas, Dr. Ramunė Rutkaitė, Dr. Michail Syrpas

14.00 – 14.15	Mohamed Abdella , Melika Ghasemi, Jūratė Simokaitienė, Dmytro Volyniuk, Aivars Vembris, Juozas Vidas Gražulevičius INVESTIGATION OF PHENANTHROIMIDAZOLE–QUINOXALINE DERIVATIVES AS BLUE EMITTERS EXPLOITING HYBRIDIZED LOCAL AND CHARGE TRANSFER STATES	O1
14.15 – 14.30	Melika Ghasemi , Joseph Cameron, Mariia Stanitska, Ugnė Seibutytė, Dmytro Volyniuk, Peter J. Skabara, Juozas Vidas Gražulevičius, Gjergji Sini BALANCED CHARGE TRANSPORT AND EFFICIENT TADF IN A CARBAZOLE–TRIAZINE HOST FOR HIGH-PERFORMANCE WHITE OLEDs	O2
14.30 – 14.45	Khushdeep Kaur , Khrystyna Ivaniuk, Oleksandr Bezikonnyi, Asta Dabulienė, Juozas Vidas Gražulevičius WHITE ORGANIC LIGHT EMITTING DIODES ENABLED BY FLUORENE-BASED ASYMMETRIC THIAZOLOTHIAZOLE EMITTERS	O3
14.45 – 15.00	Kajus Momgaudis , Aušra Valiūnienė PHOSPHOLIPID BILAYERS ON SILICON AS A PLATFORM FOR STUDYING PORE-FORMING TOXINS	O4
15.00 – 15.15	Muhammad Nasif , Ayodeji Amobonye, Joana Bendoraitienė, Laura Pečiulytė, Remo Merijs Meri, Shu-Kai Yeh, Ramunė Rutkaitė SYNTHESIS OPTIMIZATION AND FUNCTIONAL CHARACTERIZATION OF DODECENYL SUCCINIC ANHYDRIDE- AND ACETIC ANHYDRIDE-MODIFIED CORN STARH	O5
15.15 – 15.30	Miglė Stančiauskaitė , Asta Lučiūnaitė, Kristina Mašalaitė, Ieva Plikusienė ARCHITECTURE-SENSITIVE PROFILING OF FC RECEPTOR CD64 INTERACTION WITH VARIOUS IMMUNE COMPLEXES USING QCM-D AND SPECTROSCOPIC ELLIPSOMETRY	O6
15.30 – 15.45	Marius Užupis , Michail Syrpas, Joanna Topolska, Małgorzata Starowicz, Petras Rimantas Venskutonis, Vaida Kitrytė-Syrpa GNAPHALIUM ULIGINOSUM L.: OPTIMIZATION OF PRESSURIZED LIQUID EXTRACTION FOR THE PRODUCTION OF ANTIOXIDANT-RICH FRACTIONS WITH ENZYME INHIBITORY POTENTIAL	O7
15.45 – 16.00	Povilas Viltrakis , Tadas Prasauskas, Edvinas Krugly ELECTROSPUN PCL NANOFIBRES FOR LOCALIZED DELIVERY OF AN ANTIMETABOLITE DRUG	O8

Room: **Hall 3**

Section: **Environmental and Inorganic Chemistry and Technology**

Session Chair: Dr. Dainius Martuzevičius

Evaluation Committee: Dr. Dainius Martuzevičius, Dr. Goda Masionė, Dr. Raimundas Šiaučiūnas

14.00 – 14.15	Gintaras Denafas , Egidijus Griškonis, Gytis Miliauskas, Gvidas Jokubauskas, Remigijus Ivanauskas, Vidas Makarevičius, Arūnas Baltušnikas, Inna Pitak EFFECT OF DIMETHYL SULFOXIDE ON METALS IN THE PROCESS OF RECOVERING MATERIALS FROM WASTE PRINTED CIRCUIT BOARDS	O9
14.15 – 14.30	Paulina Družaitė , Dalia Jankūnaitė, Inga Urniežaitė EFFECT OF WATER MATRIX SOURCE ON ELECTROCOAGULATION PERFORMANCE AT LABORATORY AND PILOT SCALES	O10
14.30 – 14.45	Mahrosh Javed , Galina Lujanienė, Sergej Šemčuk, Vidas Pakštas, Aušra Selskienė, Martynas Talaikis, Audrius Drabavičius APPLICATION OF MODIFIED GO ADSORBENTS FOR REMOVAL OF POLYETHYLENE NANOPLASTICS FROM FRESH WATER	O11
14.45 – 15.00	Ričardas Kleinauskas , Anatolijus Eisinas, Jolanta Donėlienė INFLUENCE OF TiO₂ CRYSTALLINITY ON THE FORMATION OF CATIONIC POLYMER COMPOUNDS DURING HYDROTHERMAL SYNTHESIS AND THEIR THERMAL STABILITY	O12
15.00 – 15.15	Gailė Pocevičiūtė , Violeta Kaunelienė, Darius Čiužas, Edvardas Bagdonas, Dainius Martuzevičius CYTOTOXICITY OF COMBUSTION-DERIVED AEROSOLS FROM LOW-SMOKE SOLID FUELS USING A NOVEL “CELLS-ON-PARTICLES” PLATFORM	O13
15.15 – 15.30	Simonas Ramanavičius , Aswathi Raveendran, Rokas Zalneravičius, Giedrė Grincienė, Agnė Mikalauskaitė FUNCTIONAL FERRITE NANOMATERIALS: FROM DESIGN TO APPLICATIONS	O14
15.30 – 15.45	Man Singh , Alankar Kafle, Divyani Gupta, Tharamani C. Nagaiah FLEXIBLE PAPER ELECTRODES WITH ULTRAHIGH CAPACITANCE AND LONG-LIFE AT PRACTICAL MASS LOADING FOR BATTERY SUPERCAPACITOR HYBRID	O15
15.45 – 16.00	Gabrielė Šarapajevaitė , Aldona Balčiūnaitė, Paola Fabbri, Davide Morselli, Jurga Juodkazytė ASCORBIC ACID-ASSISTED MoS_x IMMOBILISED ALGINATE HYDROGELS FOR REALISTIC ORGANIC POLLUTANT REMOVAL	O16
16.00 – 16.15	Pavel Šiler , Ondřej Kunovský, Vojtěch Florian, František Šoukal THE ELIMINATION OF THE NEGATIVE IMPACT OF ZINC IN PORTLAND CEMENT BY ACCELERATING CONCRETE ADMIXTURES	O17
16.15 – 16.30	Bilal Touseef , Gintaras Denafas, Karolina Barčauskaitė, Sana Ullah BALANCING NUTRIENTS RECOVERY AND HEAVY METALS RISK IN MUNICIPAL SOLID WASTE COMPOST: A PARTICLE-SIZE PERSPECTIVE	O18

Room: **Hall 2**

Section: **Organic Chemistry and Technology**

Session Chair: Dr. Audrius Bučinskas

Evaluation Committee: Dr. Audrius Bučinskas, Dr. Ernestas Kasparavičius, Dr. Vida Malinauskienė

14.00 – 14.15	Ieva Bartkevičiūtė, Vida Malinauskienė, Asta Žukauskaitė, Alena Kadlecová, Tomáš Jirsa, Vilija Kederienė S-ALKYLATED OXADIAZOLE SYNTHESIS AND EVALUATION OF PROPERTIES	O19
14.15 – 14.30	Aida Drevilkauskaitė, Lea Zimmermann, Eike Köhnen, Vytautas Getautis, Steve Albrecht, Artiom Magomedov CARBAZOLE-BASED PHOSPHONIC ACID DERIVATIVES: STRUCTURE–PROPERTY CORRELATIONS	O20
14.30 – 14.45	Lukas Dvylys, Rasa Keruckienė, Juozas Vidas Gražulevičius FUNCTIONAL ROOM-TEMPERATURE PHOSPHORESCENT MATERIALS FOR OXYGEN SENSING AND EMISSIVE TAG APPLICATIONS	O21
14.45 – 15.00	Aliyu Mohammed Hamisu, Viktorija Andrulevičienė, Matas Gužauskas, Muhammad Faisal Khyasudeen, Kai Lin Woon, Dmytro Volyniuk, Azhar Ariffin, Juozas Vidas Gražulevičius DONOR-CONTROLLED TRIPLET PATHWAYS IN DIBENZO[A,C]IMIDAZOPHENAZINE EMITTERS FOR HIGH-EFFICIENCY OLEDs	O22
15.00 – 15.15	Alena Kimpel, Mariia Stanitska, Oleksandr Bezikonnyi, Dmytro Volyniuk, Juozas Vidas Gražulevičius ISOPHTALOYLBISSDIBENZOTHIOPHENE: A NOVEL SCAFFOLD FOR THE DEVELOPMENT OF EFFICIENT TRIPLET EMITTERS	O23
15.15 – 15.30	Domantas Lekavičius, Rasa Keruckienė, Matas Gužauskas, Dmytro Volyniuk, Juozas Vidas Gražulevičius PYRIDO[2,3-B]PYRAZINE DERIVATIVES AS DONOR-ACCEPTOR TYPE EMITTERS EXHIBITTING THERMALLY ACTIVATED DELAYED FLUORESCENCE FOR HIGH-EFFICIENCY OLEDs	O24
15.30 – 15.45	Ineta Meldaikytė, Eglė Arbačiauskienė, Algirdas Šačkus, Vilija Kederienė DESIGN AND SYNTHESIS OF NOVEL PYRAZOLE-ISOXAZOLE DERIVATIVES	O25
15.45 – 16.00	Julius Petrulevičius, Lea Zimmermann, Wander Max Bernardes de Araujo, Maxim Simmonds, Arman Mahboubi Soufiani, Marytė Daškevičienė, Tadas Malinauskas, Giedrė Bubnienė, Giedrius Juška, Vygintas Jankauskas, Dorothee Menzel, Florian Schele, Eike Köhnen, Lars Korte, Bernd Stannowski, Jona Kurpiers, Steve Albrecht, Vytautas Getautis CARBORANE DERIVATIVES AS ELECTRON-TRANSPORTING MATERIALS FOR PEROVSKITE SOLAR CELLS	O26
16.00 – 16.15	Ehsan Ullah Rashid, Rishika Suresh, Dmytro Volyniuk, Sathiyarayanan Kulathu Iye, Juozas Vidas Gražulevičius SINGLE COMPONENT WHITE LIGHT EMISSION USING SMALL ORGANIC COMPOUNDS	O27
16.15 – 16.30	Jonas Žurauskas PHOTOREDOX MANIFOLD FOR DEHYDROGENATIVE COUPLING USING PROTONS AS OXIDANTS	O28

Poster Presentations

Poster Area: **Santaka Valley Lobby and Area near Halls 1 and 2**

<u>Saulius Grigalevičius</u> , Dovydas Blaževičius, Mantas Kirstukas, Raminta Beresnevičiūtė, Chih-Hung Ko, Cai-Fan Lo, Chih-Hao Chang NOVEL 3-ETHYLCARBAZOLE-BASED HOSTS FOR HIGH EFFICIENCY OLEDs	P1
<u>Maryna Stasevych</u> , Mykhailo Hoidyk, Viktor Zvarych, Andriy Karkhut, Svyatoslav Polovkovych, Roman Lesyk <i>IN SILICO</i> PREDICTION OF ADMET PARAMETERS FOR 2 <i>H</i> ,5 <i>H</i> -CHROMENO[4',3':4,5]THIOPYRANO[2,3- <i>d</i>]THIAZOL-2-ONE DERIVATIVES	P2
Simona Talačkaitė, Ilona Jonuškienė, Kristina Kantminienė, Maryna Stasievych, <u>Ingrida Tumosienė</u> DESIGN AND BIOLOGICAL ASSESSMENT OF PYRIDINE-PYRROLIDINE-HYDRAZONE HYBRIDS SUPPORTED BY <i>IN SILICO</i> ADMET PREDICTION	P3
<u>Savriyeva Nigina</u> STRUCTURE AND PROPERTIES OF A ZINC(II) CHELATE COMPLEX WITH 2,6-DIPHENYL-4-(TRIFLUOROMETHYL)-1,3,5-OXADIAZINE	P4
<u>Viltė Šereikaitė</u> , Sigita Grauzelienė, Jolita Ostrauskaitė STRUCTURAL AND THERMAL CHARACTERIZATION OF BIO-BASED VITRIMER	P5
<u>Irmantas Barauskas</u> , Rimvydas Kaminskas, Emilis Saldžiūnas INFLUENCE OF BINARY SUPPLEMENTARY CEMENTITIOUS MATERIAL FROM EPSOM SALT PRODUCTION WASTE AND METAKAOLIN ON THE COMPRESSIVE STRENGTH OF PORTLAND CEMENT	P6
<u>Gintarė Kručaitė</u> , Dovydas Blaževičius, Raminta Beresnevičiūtė, Saulius Grigalevičius, Yi-Qi Chao, Zih-Ru He, Kuan-Yu Su, Chih-Hao Chang BENZO-CARBAZOLE FUNCTIONALIZED BENZOPHENONE HOSTS FOR EFFICIENT RED PHOSPHORESCENT OLEDs USING CO-HOST ENGINEERING	P7
<u>Ieva Pinkė</u> , Kiril Kazancev, Violeta Makarevičienė, Eglė Sendžikienė CONVERTING BIODIESEL WASTE INTO BIOGAS	P8
<u>Edita Prichockienė</u> , Zenonas Valančius RECYCLING AND RECOVERY OF AUTOCLAVED AERATED CONCRETE WASTE	P9
<u>Mohd Sajid</u> , Paulius Gaigalas, Oleksiy Gogotsi, Vaclovas Klimas, Simonas Ramanavičius OPTIMIZING MXENE–TITANIUM INTERFACIAL BONDING FOR DURABLE AND EFFICIENT ELECTROCHEMICAL APPLICATIONS	P10
Marija Vaišvilaitė, <u>Simona Sutkuvienė</u> , Vaida Andrulevičiūtė DYNAMICS OF CHEMICAL AND PHYSICAL PARAMETERS IN A FERMENTED TEA BEVERAGES DURING PRODUCTION	P11
<u>Aurimas Saltuška</u> , Mohammad Jakir Hossain Khan, Žilvinas Kryževičius SUSTAINABLE PROCESSING OF PYROLYSIS OIL USING HYDRODYNAMIC CAVITATION: EXPERIMENTAL STUDY AND MULTIPHASE CFD MODELLING	P12
<u>Eidvytlė Gasiulytė</u> , Ingrida Pauliukaitytė, Edvinas Krugly, Darius Čiužas WHEAT GLUTEN FIBROUS SCAFFOLDS FOR CULTIVATED MEAT APPLICATIONS	P13
<u>Greta Inkrataitė</u> , Jan-Niklas Keil, Thomas Jüstel, Ramūnas Skaudžius EFFECT OF BORON CO-DOPING ON OPTICAL EMISSION IN GARNETS	P14

<u>Aswathi Raveendran</u> , Gemantė Paulikaitė, Audrius Drabavičius, Vidas Pakštas, Kęstutis Mažeika, Aldona Balčiūnaitė, Martynas Talaikis, Agnė Mikalauskaitė, Simonas Ramanavičius MODULATING MAGNETIC PROPERTIES OF CoFe ₂ O ₄ NANOPARTICLES WITH AMINO ACID-BASED SURFACTANTS	P15
<u>Guoda Pranaitė</u> , Birutė Grybaitė, Vytautas Mickevičius SYNTHESIS OF 3-[1-(2,4-DIFLUOROPHENYL)THIOUREIDO]PROPANOIC ACID AND ITS DERIVATIVES	P16
<u>Justina Mikučiūnaitė</u> , Kasparas Rakštys SYNTHESIS AND APPLICATION OF BIFUNCTIONAL ORGANIC MATERIALS FOR PASSIVATING PEROVSKITE COMPOSITIONS IN PEROVSKITE SOLAR CELLS	P17
<u>Aida Šermukšnytė</u> , Kristina Kantminienė, Jaime A. S. Coelho, Ingrida Tumosienė EXPLORING CLASSICAL AND ELECTROCHEMICAL APPROACHES TO SUBSTITUTED CARBOXYLIC ACIDS	P18
<u>Vilius Petraška</u> , Ieva Žutautė A DIVERGENT ROUTE TO HSP90 INHIBITORS FEATURING RESORCINOL AND THIADIAZOLE PHARMACOPHORES	P19
<u>Božena Golcienė</u> , Birutė Sapijanskaitė-Banevič, Anoop Kallingal, Natalia Maciejewska, Vytautas Mickevičius SYNTHESIS AND PHARMACOLOGICAL EVALUATION OF IMIDAZOLE-2-THIONE DERIVATIVES	P20
<u>Daiva Tavgenienė</u> , Dovydas Blaževičius, Inesa Sasnauskaitė, Saulius Grigalevičius, Chi-Hao Huang, Yu-Hsuan Chen, Chih-Hao Chang, HIGH-PERFORMANCE OLED HOST MATERIALS: PHOTOPHYSICAL PROPERTIES AND DEVICE OPTIMIZATION OF CARBAZOLE-BENZOCARBAZOLE DERIVATIVES	P21
Dovydas Blaževičius, Daiva Tavgenienė, Gintarė Kručaitė, Raminta Beresnevičiūtė, Saulius Grigalevičius, Szu-Jung Wang, Zhi-Yu Yuan, Chen-Hao Chang, Chih-Hao Chang 3,6-BIS(DIPHENYLAMINO)CARBAZOLE-SUBSTITUTED CYANOPYRIDINES FOR EFFICIENT GREEN AND NIR TADF EMISSION	P22
<u>Akvilė Andziukevičiūtė-Jankūnienė</u> , Erika Adomavičiūtė, Virgilijus Valeika, Virginija Jankauskaitė BIOSYNTHESIS OF SILVER NANOPARTICLES VIA <i>ECHINACEA PURPUREA</i> EXTRACT: MECHANISM AND FUNCTIONAL EVALUATION	P23
<u>Vaclovas Klimas</u> , Katsiaryna Chernyakova, Tomas Sabirovas, Martynas Talaikis, Jūratė Vaičiūnienė, Arūnas Jagminas INFLUENCE OF ALKALINE METAL IONS ON THE FILLING OF ALUMINA PORES WITH Cu VIA AC DEPOSITION	P24
<u>Brigita Savickaitė</u> , Rimvydas Kaminskas, Anatolijus Eisinas INFLUENCE OF WASHED AND HYDROTHERMALLY TREATED BYPASS DUST ON THE HYDRATION OF PORTLAND CEMENT	P25
<u>Paulius Gaigalas</u> , Vaclovas Klimas, Tomas Sabirovas, Martynas Talaikis, Jūratė Vaičiūnienė, Arūnas Jagminas INFLUENCE OF NICKEL ELECTROPLATING BATH COMPOSITION ON ANODIZED ALUMINIUM COLOURING	P26
<u>Ilona Jonuškienė</u> , Monika Mazurkevičiūtė, Rima Stankevičienė, Neringa Petrašauskienė, Ingrida Tumosienė, Kristina Kantminienė EVALUATION OF PHYTOCHEMICALS AND ANTIOXIDANT ACTIVITY IN <i>CATHARANTHUS ROSEUS</i> CALLUS CULTURES	P27
<u>Deimantė Rosliuk</u> , Dovilė Liudvinavičiūtė, Ayodeji Amobonye, Remo Merijs Meri, Laura Pečiulytė, Joana Bendoraitienė, Ramunė Rutkaitė, Shu-Kai Yeh THERMAL PROCESSING OF CORN STARCH ESTERS USING NON-TOXIC PLASTICIZERS	P28

<u>Lesia Volyniuk</u> , Audrius Bučinskas, Stepan Kutsiy, Dmytro Volyniuk, Juozas Vidas Gražulevičius INVESTIGATION OF PHOTOPHYSICAL AND ELECTROLUMINESCENT PROPERTIES OF DONOR-ACCEPTOR LIGHT-EMITTING SEMICONDUCTORS EXHIBITING MECHANOLUMINESCENCE AND THERMALLY ACTIVATED DELAYED FLUORESCENCE	P29
<u>Maab Elsheikh</u> , Inga Grigoraviciūtė, Živilė Stankevičiūtė, Aivaras Kareiva EFFECT OF REACTION TIME ON THE FORMATION OF BEE POLLEN-MODIFIED HYDROXYAPATITE	P30
<u>Karolis Leitonas</u> , Simas Mačionis, Jūratė Simokaitienė, Juozas Vidas Gražulevičius TUNING INTERSYSTEM CROSSING IN TADF OLEDs VIA HALOGEN SUBSTITUTION OF MCP HOST MATERIALS	P31
<u>Agnė Užupytė</u> , Povilas Viltrakis, Vilija Kederienė, Algirdas Šačkus, Eglė Arbačiauskienė SYNTHESIS OF PYRAZOLE AND BENZIMIDAZOLE DERIVATIVES ANNULATED THROUGH OXAZACYCLES	P32
Dominyka Zubrickaitė, Asta Bronušienė, <u>Ingrida Ancutienė</u> COPPER TIN SULFIDE FILMS: INFLUENCE OF SYNTHESIS METHOD ON STRUCTURAL AND MORPHOLOGICAL PROPERTIES	P33
<u>Birutė Sapijanskaitė-Banevič</u> , Tomas Tutkus SYNTHESIS OF NOVEL 1,4-DISUBSTITUTED IMIDAZOL-2-THIOL DERIVATIVES	P34
<u>Jolanta Donelienė</u> , Bartas Gedminas, Andželika Aleinikovaitė, Kristina Vasiliauskienė, Anatolijus Eisinis EFFECT OF SiO ₂ ADDITIVE AND HYDROTHERMAL SYNTHESIS CONDITIONS ON TRICALCIUM ALUMINATE HYDRATE FORMATION	P35
<u>Neda Aliukonytė</u> , Raimundas Šiaučiūnas THE INFLUENCE OF RAW AND WATER – WASHED BYPASS DUST ON THE PROPERTIES OF CONCRETE HARDENING IN CO ₂ ENVIRONMENT	P36
<u>Liveta Steponaitytė</u> , Raimundas Šiaučiūnas SYNTHESIS OF 1.13 nm TOBERMORITE AND XONOTLITE FROM MICROSILICA	P37
<u>Ernest A. Asare</u> , Robert Aleksander Liiv, Atanas Katerski, Christopher Don, Raavo Josepson, Alex Jimenez Arguijo, Edgardo Saucedo, Nicolae Spalatu, Malle Krunks, Ilona Oja Acik THERMAL-INDUCED PERFORMANCE ENHANCEMENT IN SPRAY-PYROLYZED Sb ₂ S ₃ PHOTOVOLTAICS	P38
<u>Matas Gužauskas</u> , Domantas Lekavičius, Rasa Keruckienė, Dmytro Volyniuk, Juozas Vidas Gražulevičius HORIZONTALLY ORIENTED PYRIDO[2,3-B]PYRAZINE EMITTERS FOR EFFICIENT OLEDs	P39
<u>Giedrė Grincienė</u> , Renata Karpicz, Katsiaryna Chernyakova, Ieva Matulaitienė, Raimondas Giraitis EFFICIENT MICROWAVE-ASSISTED SYNTHESIS AND CHARACTERIZATION OF C- and O-DOPED BORON NITRIDE QUANTUM DOTS	P40
<u>Zeenat Fatima Iqbal</u> , <u>Julija Baltušnikaitė-Guzaitienė</u> PLASMA-ASSISTED ALGINATE COATINGS FOR POLYESTER SURFACE STABILISATION	P41
Renata Biškauskaitė Ulinskė, Viktoriia Plavan, <u>Virgilijus Valeika</u> ADVANCED LEATHER PROCESSING: SIMULTANEOUS SALT-FREE PICKLING AND BATING OF HIDE	P42
Artem Kolodiy, Viktoriia Plavan, Virgilijus Valeika, Iryna Liashok ADJUSTING THE MECHANICAL BEHAVIOR OF ACRYLIC-URETHANE POLYMER SYSTEMS	P43
<u>Kristina Jančaitienė</u> , Arminas Strolia PRODUCTION OF GRANULAR BIO FERTILIZER	P44
Roberta Spangelytė, <u>Ina Jasutienė</u> , Daiva Leskauskaitė EFFECT OF COOKING ON <i>IN VITRO</i> PROTEIN DIGESTIBILITY OF MEAT IN ADULT AND ELDERLY GASTROINTESTINAL MODELS	P45
<u>Žaneta Vadvilavičienė</u> , Raimundas Šiaučiūnas CO ₂ CURING POTENTIAL IN HIDTRATED BLENDED CEMENT PRODUCTS	P46
Guoda Pranaitytė, <u>Birutė Grybaitė</u> , Povilas Kavaliauskas, Waldo Acevedo, Ramunė Grigalevičiūtė, Vidmantas Petraitis, Rūta Petraitenė, Vytautas Mickevičius	P47

IDENTIFICATION OF SMALL-MOLECULE INHIBITORS TARGETING THE SOS RESPONSE IN <i>PSEUDOMONAS AERUGINOSA</i>	
<u>Povilas Luižys</u> , Shun Tian, Kasparas Rakštys, Roland C. Turnell-Ritson, Valdas Paulauskas, Vygintas Jankauskas, Vytautas Getautis, Mohammad Khaja Nazeeruddin SYNTHESIS OF NOVEL BENZOTHAZOLE-BASED ARYLAMINE HOLE-TRANSPORTING MATERIALS FOR PEROVSKITE SOLAR CELLS	P48
<u>Vasaris Statkevičius</u> , Egidijus Griškonis, Nerita Žmuidzinavičienė MORPHOLOGY AND CORROSIONS RESISTANCE OF PHOSPHATED MANGANESE ELECTRODEPOSITS OBTAINED FROM SULFATE BATH AT DIFFERENT TEMPERATURES	P49
<u>Mindaugas Ilickas</u> , Patricija Kirvelaitytė, Martynas Tichonovas, Simas Račkauskas SYNTHESIS AND FUNCTIONALIZATION OF ZNO TETRAPOD NETWORKS FOR NEUROMORPHIC COMPUTING AND CHEMORESISTIVE SENSING SYSTEMS	P50
<u>Eglė Didžiulytė</u> , Rasa Šlinkšienė SOXHLET EXTRACTION IN THE PRODUCTION OF DIGESTATE EXTRACTS	P51
<u>Vytautas Taurelė</u> , Raimundas Šiaučiūnas THE INFLUENCE OF INDUSTRIAL OIL SHALE ASH AS A PARTIAL BINDER REPLACEMENT ON THE PROPERTIES OF AUTOCLAVED AERATED CONCRETE	P52
<u>Kazimieras Anusevičius</u> , Augustas Kučinskas, Vytautas Mickevičius SYNTHESIS OF 5-AMINOSALICYLIC HYDRAZIDE DERIVATIVES	P53
<u>Beatričė Kulikauskaitė</u> , Domas Pirštelis, Ernestas Brazys, Vilma Ratautaitė, Antanas Zinovičius, Arūnas Ramanavičius DEVELOPMENT OF A PEDOT:PSS-BASED, MULTILAYERED MOLECULARLY IMPRINTED ELECTROCHEMICAL SENSOR FOR TETRACYCLINE DETECTION	P54
<u>Raimonda Kubiliūtė</u> , Evelina Švedaitė TEXTILE ASH WASTE AS A SUSTAINABLE MATERIAL FOR THE PARTIAL REPLACEMENT OF CEMENT	P55
<u>Elžbieta Jursėnė</u> , Akvilė Laurykietytė, Rokas Žalneravičius, Inga Grigoravičiūtė, Audrius Padarauskas, Aivaras Kareiva SUSTAINABLE SYNTHESIS OF ANTIBACTERIAL CALCIUM-DEFICIENT HYDROXYAPATITE COMPOSITES FROM PHOSPHOGYPSUM WASTE	P56
<u>Justina Karčiauskaitė</u> , Maab Elsheikh, Rokas Žalneravičius, Inga Grigoravičiūtė, Živilė Stankevičiūtė, Aivaras Kareiva EFFECT OF SYNTHESIS ROUTE ON CALCIUM-DEFICIENT HYDROXYAPATITE COMPOSITES INCORPORATING PROPOLIS POWDER	P57
<u>Tripura Ganti</u> , Aldona Balčiūnaitė, Jūratė Vaičiūnienė, Loreta Tamašauskaitė-Tamašiūnaitė, Eugenijus Norkus HER AND OER BEHAVIOR OF DIFFERENT Au(NiZn)/Ti BASED ELECTROCATALYSTS	P58
<u>Gintarė Sujetovienė</u> , Jūratė Žaltauskaitė, Diana Miškelytė, Renata Dagiliūtė FROM WASTE TO TREASURE: NEO-CYCLE APPROACH TO CONVERT E-WASTE INTO VALUABLE MATERIALS	P59
<u>Tayyab Tahir</u> , Rūta Druteikienė, Zita Žukauskaitė, Rūta Barisevičiūtė, Jūratė Vaičiūnienė BUCKWHEAT HULL BIOSORBENT: ISOTHERM, KINETICS AND THERMODYNAMIC EVALUATION	P60

<u>Adnan Ahmed</u> , Nagharsh Mirakyan, Asta Dabuliene, Edwin Pineda De La O, Dmytro Volyniuk, Oleksandr Bezikonnyi, Lethy Krishnan Jagadamma, Juozas Vidas Gražulevičius SPIRO[1,3-DITHIOLANE-2,9'-FLUORENE]- AND DIBENZOTHIOPHENE-BASED HOLE TRANSPORTING MATERIALS FOR PHOTOVOLTAIC APPLICATIONS	P61
<u>Nora Kybartienė</u> , Neringa Matutytė, Vydmantė Astrauskaitė, Irena Vaškevičienė, Simona Tučkutė COMPARATIVE PHYSICO-CHEMICAL AND MORPHOLOGICAL CHARACTERIZATION OF SPENT COFFEE GROUNDS AND BIOCHAR AS ADDITIVES FOR GYPSUM BINDER	P62
<u>Raminta Beresnevičiūtė</u> , Inesa Sasnauskaitė, Zeyad Taher Abdou, Dovydas Blaževičius, Saulius Grigalevičius, Wanting Ju, Xiangqin Gan, Junqiao Ding, Kaspars Traskovskis NOVEL 3-(DIPHENYLAMINO)CARBAZOLE EMITTERS FOR MULTI-CHANNEL GREEN TADF OLEDs	P63
<u>Gustė Rudaitytė</u> , Aivaras Kareiva, Aušra Čiuladienė MALACHITE AND VERDIGRIS PAINTS ON PAPER: A SPECTROSCOPIC STUDY OF DEGRADATION PROCESSES	P64
<u>Aigul Dastankzy</u> , Dovydas Karoblis, Kęstutis Mažeika, Aivaras Kareiva STRUCTURAL EVOLUTION OF YbFe _{1-x} Mn _x O ₃ SOLID SOLUTIONS PREPARED BY SOL-GEL METHOD	P65
<u>Katažyna Blaževič</u> , Natalija German, Asta Kaušaitė-Minkštimienė, Almira Ramanavičienė IMPACT OF DENDRITIC GOLD NANOSTRUCTURES ON THE ELECTROCHEMICAL RESPONSE OF A GLUCOSE BIOSENSOR FOR CADMIUM IONS DETECTION	P66
<u>Agnė Anusauskaitė</u> , Evelina Švedaitė, Tadas Dambrauskas, Kęstutis Baltakys SYNTHESIS OF CALCIUM SILICATES HARDENING IN A CO ₂ ENVIRONMENT FROM SECONDARY RAW MATERIALS	P67
<u>Mariia Stanitska</u> , Melika Ghasemi, Ugnė Seibetytė, Dmytro Volyniuk, Juozas Vidas Gražulevičius DERIVATIVES OF ISOPHTHALOYL FOR EFFICIENT HARVESTING OF TRIPLET EXCITONS	P68
<u>Neringa Kaušinytė</u> , Tadas Dambrauskas, Kęstutis Baltakys HYDROTHERMAL SYNTHESIS OF CALCIUM SILICATE HYDRATES WITH DOLOMITE SCREENINGS AND THEIR EFFECT ON OPC HYDRATION	P69
<u>Goda Gudinskaitė</u> , Rasa Paleckienė FRASS – A NEW SOURCE OF ORGANIC FERTILIZER	P70
<u>Valdas Vainauskas</u> , Vytautas Mickevičius, Birutė Grybaitė, Kotryna Čiupkevičiūtė, Vilma Petrikaitė SYNTHESIS AND BIOLOGICAL EVALUATION OF 2-MERCAPTOIMIDAZOLES BEARING HYDRAZONE, AZOLE AND BENZENESULFONAMIDE MOIETIES	P71
<u>Monika Bertašiūtė</u> , Birutė Grybaitė, Vytautas Mickevičius SYNTHESIS OF NEW BENZOXAZOLE DERIVATIVES BEARING SULFONAMIDE MOIETY	P72
<u>Shushanna Vardanyan</u> , Simas Mačionis, Jūratė Simokaitienė, Viktorija Andrulevičienė, Narine Durgaryan, Juozas Vidas Gražulevičius SYNTHESIS AND INVESTIGATION OF CYANO-SUBSTITUTED PHENOXAZINE DERIVATIVES AS RED FLUORESCENT EMITTERS	P73
<u>Simona Urnikaitė</u> , Rokas Dobužinskas, Mantas Grigalavičius, Giedrė Bubnienė, Marytė Daškevičienė, Vytautas Getautis DESIGN AND SYNTHESIS OF A BODIPY-BASED NIR DYE FOR NEUTRON CAPTURE THERAPY AND RADIATION SENSING	P74
<u>Agnė Mikaluskaitė</u> , Živilė Jurgelėnė, Danguolė Montvydienė, Simonas Ramanavičius ENVIRONMENTALLY RELEVANT EFFECTS OF PHOTOLUMINESCENT GOLD NANOCCLUSERS: LINKING NANOMATERIAL PROPERTIES TO AQUATIC BIORESPONSES	P75
<u>Melita Petrikė</u> , Eglė Arbačiauskienė, Algirdas Šačkus NOVEL PYRAZOLE RING-CONTAINING FLAVONE AND ISOFLAVONE ANALOGUES: SYNTHESIS AND CHARACTERISATION	P76

<p><u>Aistė Pupiūtė</u>, Darius Čiužas, Odeta Baniukaitienė, Dainius Martuzevičius, Edvardas Bagdonas, Eiva Bernotienė, Tomas Ragauskas, Edvinas Krugly CONTINUOUS MULTIZONAL POLY(ε-CAPROLACTONE) BASED OSTEOCHONDRAL SCAFFOLD INCORPORATING FUNCTIONALIZED HYDROGELS FOR <i>IN VITRO</i> MODELLING</p>	P77
<p><u>Remigijus Ivanauskas</u>, Evelina Kasparavičiūtė, Skirma Žalėnienė PREPARATION ANTIMONY SELENIDE FILMS ON FTO SUBSTRATE</p>	P78
<p><u>Enayat Mohsenzadeh</u>, Aswathi Raveendran, Germantė Paulikaitė, Martynas Talaikis, Arnas Naujokaitis, Agnė Mikaluskaitė, Oleksiy Gogotsi, Simonas Ramanavičius METHYLENE BLUE AND AZURE A ADSORPTION ON TITANIUM CARBIDE MXENES: A FIRST-PRINCIPLES AND EXPERIMENTAL STUDY</p>	P79
<p>Eugenijus Valatka, <u>Simonas Vaitkevičius</u> ELECTROCHEMICAL BEHAVIOR OF AISI GRADE STEELS IN NITRATE REDUCTION REACTION</p>	P80
<p>Gabrielė Meižytė, Maab Abdulsamad Ahmed Elsheikh, Inga Grigoravičiūtė, Aivaras Kareiva SILVER-DOPED CARBONATED HYDROXYAPATITE GRANULES FOR ANTIBACTERIAL BONE REGENERATION</p>	P81