

| Monday, 28 th of August | | Tuesday, 29 th of August | | | | Wednesday, 30 th of August | | | | Thursday, 31 st of August | | | | | | |
|--------------------------------------------------|-------------------------------------------|-------------------------------------|------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------------------------|-----------------------------------------------------------------------|--------|--------------------------------------|------------------------------------|------------------------------------|------------------|--------|--------|--------|
| 8 ³⁰ -16 ³⁰ | Short Summer School on TA&C | 9 ⁰⁰ -9 ³⁰ | IL01 | IL02 | 9 ⁰⁰ -9 ⁵⁰ | Workshop TAFCS | | | | 9 ⁰⁰ -9 ⁵⁰ | Workshop KLTPM | | | | | |
| | | 9 ³⁰ -10 ⁰⁰ | IL03 | IL04 | 9 ⁵⁰ -10 ⁴⁰ | Poster session 2 | | | | 9 ⁵⁰ -10 ¹⁰ | OP1.18 | OP2.18 | OP3.18 | OP4.18 | | |
| | | 10 ⁰⁰ -10 ³⁰ | IL05 | IL06 | | | | | | 10 ¹⁰ -10 ³⁰ | OP1.19 | OP2.19 | OP3.19 | OP4.19 | | |
| | | 10 ³⁰ -10 ⁵⁰ | Coffee break | | | | 10 ⁴⁰ -10 ⁵⁰ | ESTAC12 Info | | | | 10 ³⁰ -10 ⁵⁰ | OP1.20 | OP2.20 | OP3.20 | OP4.20 |
| | | 10 ⁵⁰ -11 ¹⁰ | OP1.01 | OP2.01 | OP3.01 | OP4.01 | 10 ⁵⁰ -11 ¹⁰ | TA Instruments Lecture | | | | 10 ⁵⁰ -11 ¹⁰ | Coffee break | | | |
| | | 11 ¹⁰ -11 ³⁰ | OP1.02 | OP2.02 | OP3.02 | OP4.02 | 11 ¹⁰ -12 ⁰⁰ | Poster session 3 & Coffee break <i>Sponsored by TA Instruments</i> | | | | 11 ¹⁰ -11 ³⁰ | OP1.21 | OP2.21 | OP3.21 | OP4.21 |
| | | 11 ³⁰ -11 ⁵⁰ | OP1.03 | OP2.03 | OP3.03 | OP4.03 | | | | | | 11 ³⁰ -11 ⁵⁰ | OP1.22 | OP2.22 | OP3.22 | OP4.22 |
| | | 11 ⁵⁰ -12 ⁰⁰ | CEEC-TAC4 Info | | | | | | | | | 11 ⁵⁰ -12 ⁰⁰ | OP1.23 | OP2.23 | OP3.23 | OP4.23 |
| | | 12 ⁰⁰ -12 ⁴⁰ | Jerzy Blazejowski APL1 | | | | 12 ⁰⁰ -12 ⁴⁰ | Anthony R. West PL3 | | | | 12 ¹⁰ -12 ⁵⁰ | Matko Erceg APL2 | | | |
| | | 12 ⁴⁰ -14 ⁰⁰ | Lunch | | | | 12 ⁴⁰ -14 ⁰⁰ | Lunch <i>Sponsored by TA Instruments</i> | | | | 12 ⁵⁰ -14 ⁰⁰ | Lunch | | | |
| 14 ⁰⁰ -14 ⁴⁰ | Giuseppe Arena PL2 | | | | 14 ⁰⁰ -14 ⁴⁰ | Finlay D. Morrison PL4 | | | | 14 ⁰⁰ -14 ⁴⁰ | Luis A. Perez-Maqueda PL5 | | | | | |
| 13 ⁰⁰ -17 ⁰⁰ | Registration of Participants at CEEC-TAC4 | 14 ⁴⁰ -15 ¹⁰ | IL07 | IL08 | IL09 | 14 ⁴⁰ -15 ⁰⁰ | OP1.10 | OP2.10 | OP3.10 | OP4.10 | 14 ⁴⁰ -14 ⁵⁰ | CEEC-TAC5 Info | | | | |
| | | 15 ¹⁰ -15 ⁴⁰ | IL10 | IL11 | IL12 | 15 ⁰⁰ -15 ²⁰ | OP1.11 | OP2.11 | OP3.11 | OP4.11 | 14 ⁵⁰ -15 ²⁰ | IL13 | IL14 | IL15 | | |
| | | 15 ⁴⁰ -16 ³⁰ | Poster session 1 | | | | 15 ²⁰ -15 ⁴⁰ | OP1.12 | OP2.12 | OP3.12 | OP4.12 | 15 ²⁰ -15 ⁴⁰ | OP1.24 | OP2.24 | OP3.24 | OP4.24 |
| | | 16 ³⁰ -17 ⁰⁰ | Tasting | | | | 15 ⁴⁰ -16 ⁰⁰ | OP1.13 | OP2.13 | OP3.13 | OP4.13 | 15 ⁴⁰ -16 ⁰⁰ | OP1.25 | OP2.25 | OP3.25 | OP4.25 |
| | | 17 ⁰⁰ -17 ³⁰ | Concertino | | | | 16 ⁰⁰ -16 ²⁰ | Coffee break | | | | 16 ⁰⁰ -16 ²⁰ | OP1.26 | OP2.26 | OP3.26 | OP4.26 |
| | | 17 ³⁰ -17 ⁵⁰ | OP1.04 | OP2.04 | OP3.04 | OP4.04 | 16 ²⁰ -16 ⁴⁰ | OP1.14 | OP2.14 | OP3.14 | OP4.14 | 16 ²⁰ -16 ⁴⁰ | OP1.27 | OP2.27 | OP3.27 | OP4.27 |
| | | 17 ⁵⁰ -18 ¹⁰ | OP1.05 | OP2.05 | OP3.05 | OP4.05 | 16 ⁴⁰ -17 ⁰⁰ | OP1.15 | OP2.15 | OP3.15 | OP4.15 | 16 ⁴⁰ -17 ⁰⁰ | Closing Ceremony | | | |
| 18 ¹⁰ -18 ³⁰ | OP1.06 | OP2.06 | OP3.06 | OP4.06 | 17 ⁰⁰ -17 ²⁰ | OP1.16 | OP2.16 | OP3.16 | OP4.16 | | | | | | | |
| 18 ³⁰ -18 ⁵⁰ | OP1.07 | OP2.07 | OP3.07 | OP4.07 | 17 ²⁰ -17 ⁴⁰ | OP1.17 | OP2.17 | OP3.17 | OP4.17 | | | | | | | |
| 18 ⁵⁰ -19 ¹⁰ | OP1.08 | OP2.08 | OP3.08 | OP4.08 | 17 ⁴⁰ -19 ⁰⁰ | Afternoon break | | | | | | | | | | |
| 19 ¹⁰ -19 ⁵⁰ | Boris L'vov PL1 | 18 ⁵⁰ -19 ¹⁰ | OP1.09 | OP2.09 | OP3.09 | OP4.09 | 19 ⁰⁰ -19 ¹⁰ | Buses leave for CD | | | | | | | | |
| 20 ⁰⁰ -22 ⁰⁰ | Welcome Cocktail | 19 ³⁰ -20 ⁰⁰ | General Assembly | | | | 20 ⁰⁰ -24 ⁰⁰ | Conference Dinner (CD) | | | | | | | | |
| Hallway of PR | | | | | PR – Palatul Republicii, Str. Maria Cibotari, Nr.16, Chişinău | | | | | | | | | | | |
| Great Hall of PR | | | | | USM – Moldova State University, Str. Alexei Mateevici, Nr. 60, Chişinău | | | | | | | | | | | |
| Conference Hall of PR | | | | | NPSL – National Philharmonics “Serghei Lunchevici”, Str. Mitropolit Varlaam, Nr. 78, Chişinău | | | | | | | | | | | |
| 2B Hall of PR | | | | | HJA – Hotel Jolly Alon, Str. Maria Cibotari, Nr.37, Chişinău | | | | | | | | | | | |
| SP1 Hall of PR | | | | | <p style="text-align: center;">Program of CEEC-TAC4 28-31 August 2017 Chişinău, Republic of Moldova</p> | | | | | | | | | | | |
| SP2 Hall of PR | | | | | | | | | | | | | | | | |
| Senate Hall of USM | | | | | | | | | | | | | | | | |
| National Philharmonics “Serghei Lunchevici” NPSL | | | | | | | | | | | | | | | | |
| Hotel Jolly Alon HJA | | | | | | | | | | | | | | | | |
| ASCONI Winery, Sat Puhoi, Raion Ialoveni | | | | | | | | | | | | | | | | |

| Plenary, Award Plenary, Invited & Technical Lectures | | | | |
|-----------------------------------------------------------------|-------------------------|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| No | Name | Country | Abstract title | Code |
| Plenary Lectures | | | | |
| 1 | L'vov, Boris | Russian Federation | Kinetics of decomposition reactions: the thermochemical model Langmuir-L'vov against the activation model of Arrhenius | PL1 |
| 2 | Arena, Giuseppe | Italy | Gemini guests drive the self-assembling of homodimeric compartments in water | PL2 |
| 3 | West, Anthony R. | United Kingdom | Conductivity enhancement, dielectric breakdown and resistive switching phenomena in electroceramics | PL3 |
| 4 | Morrison, Finlay D. | USA | Thermal evolution of structure and dielectric properties of ferroelectric Tetragonal Tungsten Bronzes | PL4 |
| 5 | Perez-Maqueda, Luis A. | Spain | Kinetic analysis of complex solid-state reactions involving more than one simultaneous process | PL5 |
| Award Plenary Lectures | | | | |
| 1 | Blazejowski, Jerzy | Poland | Thermodynamics in the description of surrounding world and chemical processes occurring in it | APL1 |
| 2 | Erceg, Matko | Croatia | The reliability of kinetic analysis of the thermal degradation of polymers | APL2 |
| Invited Lectures | | | | |
| 1 | Fomin, Vladimir M. | Germany | Theory of phonons in advanced micro-and nanoarchitectures for thermoelectric applications | IL01 |
| 2 | Moya, Xavier | United Kingdom | Barocaloric effects in ferroelectrics | IL02 |
| 3 | Tiginyanu, Ion | Moldova | GaN versus ZnO: Growth, properties and applications | IL03 |
| 4 | Zvereva, Irina | Russian Federation | Thermal analysis of topochemical processes in layered materials | IL04 |
| 5 | Majing, Jan | Slovakia | Thermo-optical method to observe the oxidation of carbon thin films | IL05 |
| 6 | Blanco, Ignazio | Italy | The rebirth of POSS, a very thermally stable nanoparticle: state of the art and future developments | IL06 |
| 7 | Popa, Vlad T. | Romania | Kinetic Analysis of Microcalorimetric Bacterial Growth | IL07 |
| 8 | Miyake, Atsumi | Japan | Thermal analysis – useful tools for hazard analysis and risk assessment of chemical processes | IL08 |
| 9 | Mija, Alice | France | Thermodynamical Control of Polymerization for the Eco-design of Thermosets, Composites & Industrial Waste Valorization | IL09 |
| 10 | Giancola, Concetta | Italy | G-quadruplexes studied by calorimetric methodologies | IL10 |
| 11 | Sinyova, Svetlana | Russian Federation | Experimental investigation and phase diagrams construction of the ternary Fe-S-X (X=Co, Cu, Ni, Sn) systems | IL11 |
| 12 | Siauciunas, Raimundas | Lithuania | Impact of α -C ₂ SH calcination temperature on the mineral composition and heat flow of the products | IL12 |
| 13 | Constantinescu, Catalin | France | Thermal investigation and laser processing of thin films for microelectronic devices | IL13 |
| 14 | Nika, Denis L. | Moldova | Phonon thermal conductivity in graphene | IL14 |
| 15 | Varfolomeev, Mikhail | Russian Federation | Oxidation behaviour of crude oil and its SARA fractions characterized by TG and DSC in presence of catalysts and rock components: differences and connections | IL15 |
| TA Instruments Lecture | | | | |
| 1 | Roedolf, Daniel | Belgium | New TGA's from TA Instruments: bench top High Pressure TGA and Simultaneous High Temperature Modulated DSC-TGA | TAI |

Oral Presentations 1. Thermodynamics, Thermochemistry & Calorimetry and Thin Films & Nanomaterials

| No | Name | Country | Abstract title | Code |
|----|-------------------------|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1 | Lazzara, Giuseppe | Italy | Thermal analysis for nanostructures investigation in Cultural Heritages | OP1.01 |
| 2 | Kucerik, Jiri | Czech Republic | Water binding in biochars produced by using microwave pyrolysis of municipal sludge | OP1.02 |
| 3 | Baranovskiy, Nikolay V. | Russian Federation | Fire danger of ceramic particles heated up to high temperatures in industry and forestry: mathematical simulation | OP1.03 |
| 4 | Marinescu, Cornelia A. | Romania | Thermal behaviour and microstructure of biocompatible hydroxyapatite/titania nanocomposites | OP1.04 |
| 5 | Verevkin, Sergey | Germany | Liquid Organic Hydrogen Carriers: an upcoming alternative to conventional technologies. Thermochemical studies | OP1.05 |
| 6 | Dayan, Serkan | Turkey | Fabrication of Pd ^{II} complex-Carbon Nanotube based Materials as Effective Counter Electrode for Dye-Sensitized Solar Cells | OP1.06 |
| 7 | Zaharescu, Maria | Romania | Relevance of thermal analysis for sol-gel derived nanomaterials | OP1.07 |
| 8 | Cerc Korosec, Romana | Slovenia | Thermogravimetric analysis of the sol-gel prepared nickel-oxide thin films: a tool for optimization their electrochromic response | OP1.08 |
| 9 | Grajcar, Adam | Poland | Thermodynamic analysis of phase transitions in thermomechanically processed steel showing the transformation-induced plasticity effect | OP1.09 |
| 10 | Oksuz, Kerim E. | Turkey | Thermal behaviour and structure of BaZrO ₃ nanoparticles | OP1.10 |
| 11 | Gavrichev, Konstantin | Russian Federation | Factors affecting thermal and thermodynamic properties of nanoscale substances | OP1.11 |
| 12 | Kadyshevich, Elena | Russian Federation | Thermodynamic and kinetic causes of bio-monochirality | OP1.12 |
| 13 | Roedolf, Daniel | Belgium | Thermogravimetric and Isothermal Sorption Analysis under Application Relevant Conditions – High Pressure, Vapours and Corrosive Atmospheres – Technology and Application Examples | OP1.13 |
| 14 | Magsumov, Timur | Russian Federation | The critical solvent composition for solvation properties of different aqueous-organic solvents | OP1.14 |
| 15 | Teodorescu, Mariana | Romania | Solution and excess molar enthalpies for 1-butyl-3-methylimidazolium chloride and 1-butyl-3-methylimidazolium bromide + 1-butanol systems at temperatures between 303.15 K and 318.15 K in the dilute concentration region | OP1.15 |
| 16 | Saratovskikh, Elena | Russian Federation | Calorimetric analysis of degradation of nitrocellulose after microbiological treatment | OP1.16 |
| 17 | Yagofarov, Mikhail | Russian Federation | Enthalpies of fusion and solvation as a source of information about sublimation enthalpies of aromatic compounds at 298.15 K | OP1.17 |
| 18 | Nagrimanov, Ruslan | Russian Federation | Non-additivity in the thermochemical properties of phase transitions of heteroaromatic compounds | OP1.18 |
| 19 | Tirca, Ion | Romania | Coumarin intercalated layered double hydroxides thin films prepared by laser techniques | OP1.19 |
| 20 | Galca, Aurelian C. | Romania | Spectroscopic ellipsometry, a useful tool to investigate phase transitions in thin films: case study on phase change materials | OP1.20 |
| 21 | Dalla Palma, Mauro | Italy | Thermal analysis and testing of unidirectional carbon-carbon composite for thermal imaging diagnostic | OP1.21 |
| 22 | Szczygiel, Irena | Poland | Phase equilibria in LaBr ₃ -TlBr system | OP1.22 |
| 23 | Szostak, Elzbieta | Poland | Phase Transitions and Thermal Behaviour of the compounds of the type [M(DMSO) ₆](ClO ₄) ₂ | OP1.23 |
| 24 | Isacova, Calina | Moldova | Suppression of the thermal flux in Si/Ge and Si/SiO ₂ cross-section modulated nanowires | OP1.24 |
| 25 | Mirea, Radu | Romania | Experimental evaluation of water injection impact at turbo engine starting | OP1.25 |
| 26 | Kalinkin, Aleksandr | Russian Federation | A calorimetric study of hydration of magnesia-feriferous slag mechanically activated in air and in CO ₂ atmosphere | OP1.26 |
| 27 | Vykydalova, Anna | Slovakia | Thermooxidative stability of a coaxial cable insulation aged by various doses of radiation and temperature using non-isothermal DSC measurements | OP1.27 |

| Oral Presentations 2. Theory & Methods, Kinetics & Catalysis, Fuels & Biofuels, Energetics and Applied Thermal Engineering | | | | |
|----------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| No | Name | Country | Abstract title | Code |
| 1 | Kolejka, Jaroslav | Czech Republic | High Temperature (1500 °C) Modulated DSC, Direct Cp measurements, High Resolution and Modulated TGA – Technology and Application Examples | OP2.01 |
| 2 | Pacheco Pujatti, Fabricio J. | Brazil | Use of biogas in a multi cylinder engine power generation unit | OP2.02 |
| 3 | Sebastiao, Rita de Cassia de Oliveira | Brazil | Kinetic and Thermal Decomposition studies of Thalidomide under non-isothermal and isothermal conditions | OP2.03 |
| 4 | Brandova, Daniela | Czech Republic | DSC baseline interpolations: Importance for kinetic evaluations | OP2.04 |
| 5 | Olmrova Zmrhalova, Zuzana | Czech Republic | Crystallization kinetics of (chalcogenide) glasses: The Ultimate Complexity? | OP2.05 |
| 6 | Stawski, Dawid | Poland | Kinetics of Thermooxidative Degradation of Selected Sponge Chitins | OP2.06 |
| 7 | Bujoreanu, Leandru-Ghe. | Romania | Heat treatment and mechanical alloying effect on the dynamic stiffness of PM Fe-Mn-Si-Cr-Ni SMAs | OP2.07 |
| 8 | Chicinas, Ionel | Romania | Spark plasma sintered composite compacts obtained from Me@Ni _{1-x} Me _x Fe ₂ O ₄ pseudo core-shell powders | OP2.08 |
| 9 | Izato, Yu-ichiro | Japan | Kinetic analysis and detailed chemical reaction simulation for ammonium nitrate decomposition | OP2.09 |
| 10 | Matsunaga, Hiroki | Japan | Evolved gas analysis of thermal decomposition and combustion of high energetic ionic liquid based on ammonium dinitramide | OP2.10 |
| 11 | Popa, Alexandru | Romania | Effect of the amine type on thermal stability of modified mesoporous silica used for CO ₂ adsorption | OP2.11 |
| 12 | Sasca, Viorel Z. | Romania | Non-isothermal study on CdS oxidation | OP2.12 |
| 13 | Ksepko, Ewelina | Poland | The kinetics of redox reactions for prospective oxygen carrier material made from iron manganese ore | OP2.13 |
| 14 | Nikolaev, Evgeniy | Russian Federation | The oxidation kinetic study of mechanically activated ultrafine iron powders by thermogravimetric analysis | OP2.14 |
| 15 | Andre, Remi | France | THEMYS - innovative thermal analysis platform for TGA, HP-TGA, STA, DTA/DSC, EGA - capabilities and applications | OP2.15 |
| 16 | Yakushev, Pavel | Russian Federation | Peculiar Opportunities of Laser-Interferometric Creep Rate Spectroscopy as Thermal Analysis Method | OP2.16 |
| 17 | Simon, Peter | Slovakia | Meaning and application of isoconversional methods | OP2.17 |
| 18 | Zachar, Martin | Slovakia | Comparison of yields and thermal properties of the fast-growing tree and crop species to be used as a renewable and energy efficient resource | OP2.18 |
| 19 | Tarulescu, Radu | Romania | Energetic optimization of the cooling system for internal combustion engines | OP2.19 |
| 20 | Budrugaec, Petru | Romania | General algorithm for evaluation of the kinetic scheme and corresponding kinetic parameters of heterogeneous processes. Applications | OP2.20 |
| 21 | Paladi, Florentin | Moldova | Differential scanning calorimetry and the effect of generation and extinction of crystal nuclei at very low temperatures | OP2.21 |
| 22 | Macovei, Mihai | Moldova | Thermostat influence on certain quantum systems | OP2.22 |
| 23 | Popa, Viorel | Romania | Theoretical study for increasing the efficiency of an air source heat pump at low temperature | OP2.23 |
| 24 | Stoporev, Andrey | Russian Federation | Nucleation of gas hydrates in the presence of several interfaces | OP2.24 |
| 25 | Zherikova, Kseniya | Russian Federation | From thermal study of MOCVD precursors to creation of functional materials | OP2.25 |
| 26 | Kurtuldu, Fatih | Turkey | The effect of Mg(NO ₃) ₂ addition in formation of AlN by direct nitridation | OP2.26 |
| 27 | Bosneaga, Iurie | Moldova | Advanced thermoaccumulation as a condition <i>sine qua non</i> for sustainable energy development | OP2.27 |

Oral Presentations 3. Materials: Functional Materials, Ceramics, Metals & Alloys, Cements, Glasses and Composites

| No | Name | Country | Abstract title | Code |
|----|----------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1 | Celan Korosin, Natasa | Slovenia | Thermoluminescence properties of Eu ²⁺ and Nd ³⁺ -doped alkaline earth aluminates prepared by the sol-gel method | OP3.01 |
| 2 | Danilova-Tretiak, Svetlana | Belarus | Thermal behavior and thermophysical properties of LDPE filled with SiC | OP3.02 |
| 3 | Blazic, Roko | Croatia | Thermal properties of PLA composites with carbon based fillers | OP3.03 |
| 4 | Kozina, Franjo | Croatia | Thermodynamic evaluation of Al-2.5 wt.%Mg-0.7wt.%Li | OP3.04 |
| 5 | Petrovic, Jelena | Germany | Assessing structural heterogeneity of multi-anion glasses by thermal analysis | OP3.05 |
| 6 | Sava, Bogdan A. | Romania | Thermal and mechanical investigations on dysprosium and terbium-doped boro-phosphate glass | OP3.06 |
| 7 | Tapuchi, Saad | Israel | Research of ceramic materials with large permittivity | OP3.07 |
| 8 | Cumaoglu, Ahmet | Turkey | Synthesis, characterization and anticanceractivity of N-coordinate PdII and RuII complexes bearing imine bond and 1,3-phenylenediamine backbone | OP3.08 |
| 9 | Nataf, Guillaume F. | United Kingdom | Hysteresis in barocaloric materials | OP3.09 |
| 10 | Scotto, Piero | USA | Characterization of Thermal Management Properties of Polymers and Metal-Ceramic systems by Steady State and Flash Method | OP3.10 |
| 11 | Migas, Damian | Poland | Thermogravimetric investigations of new γ - γ' cobalt-based superalloys | OP3.11 |
| 12 | Mikusiewicz, Marta | Poland | Thermal analysis of new type γ - γ' cobalt-based superalloys | OP3.12 |
| 13 | Trusilewicz, Lidia | Poland | Natural and artificial pozzolans saline hydration for their reactive alumina, Al ₂ O ₃ ^r , qualitative and quantitative assessment, by TGA | OP3.13 |
| 14 | Ilatovskaia, Mariia | Russian Federation | Experimental investigation of the Fe-Co-S ternary system | OP3.14 |
| 15 | Walter, Dirk | Germany | Thermogravimetric investigations of the phase boundaries and non-stoichiometry of Co _{1-x} O in the system Co/O ₂ | OP3.15 |
| 16 | Silyukov, Oleg | Russian Federation | Study of protonated perovskite type layered titanates thermolysis process | OP3.16 |
| 17 | Vlasov, Vitaly | Russian Federation | Radiation-thermal method of LiZn ferrite ceramics production | OP3.17 |
| 18 | Zavrazhnov, Alexander Y | Russian Federation | Phase diagram of the Ga-S system (48-61 at.% S) | OP3.18 |
| 19 | Antal, Vitaliy | Slovakia | Thermal reactivity of YBa ₂ Cu ₃ O _{7-δ} with Al ₂ O ₃ | OP3.19 |
| 20 | Ciesielski, Wojciech | Poland | Catalytic properties of ceramic materials containing Li ions and metal transition ions in the process of thermal decomposition botanical origin systems | OP3.20 |
| 21 | Jerina, Lina | Slovenia | Thermal analysis as a control method for recycled aluminium alloys | OP3.21 |
| 22 | Rotaru, Andrei | Romania | Vogel-Fulcher analysis of relaxor dielectrics | OP3.22 |
| 23 | Malyshev, Andrey | Russian Federation | Effect of sintering regimes on the microstructure and magnetic properties of LiTiZn ferrite ceramics | OP3.23 |
| 24 | Monnier, Xavier | France | Glass transition and glassy state of a wholly amorphous Polylactide: parallel between standard differential scanning calorimetry and fast scanning calorimetry | OP3.24 |
| 25 | Karakas, Aptullah | Turkey | Mechanical behaviour of in-situ formed Cordierite-Anorthite ceramic composite | OP3.25 |
| 26 | Nistreanu, Andrei | Moldova | The Optoelectronic Effects of Alumina Ceramic Material | OP3.26 |
| 27 | Tsyntsaru, Natalia | Moldova | Investigation of thermal stability of Fe-W alloys electrodeposited from glycolate-citrate plating bath | OP3.27 |

| Oral Presentations 4. Polymers, Bio(macro)molecules & Biocomposites, Life science and Organic & Functional complex compounds | | | | |
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| No | Name | Country | Abstract title | Code |
| 1 | Maskow, Thomas | Germany | How to measure the metabolic energy conversion of non-chemical energy sources? | OP4.01 |
| 2 | Catauro, Michelina | Italy | Sol-gel synthesis and chemical, structural and thermal characterization of inorganic/organic hybrid materials for biomedical applications | OP4.02 |
| 3 | Fuglein, Ekkehard | Germany | Investigation of Dispersion and Particle Size of Inorganic Fillers in Polymers | OP4.03 |
| 4 | Menyhard, Alfred | Hungary | Prediction of stiffness in semicrystalline polymers based on a single melting curve | OP4.04 |
| 5 | Cavallaro, Giuseppe | Italy | Composite materials based on halloysite nanotubes and differently charged biopolymers | OP4.05 |
| 6 | Esposito Corcione, Carola | Italy | High loaded Polylactic-Acid/ Hydroxyapatite composites for fused deposition modelling | OP4.06 |
| 7 | Greco, Antonio | Italy | Cardanol derivatives as efficient plasticizers for Poly(lactic acid) | OP4.07 |
| 8 | Katoh, Katsumi | Japan | Effect of nitrogen content on the thermal behaviour of nitrocellulose and their acid mixtures | OP4.08 |
| 9 | Shiota, Kento | Japan | Thermal study on complex formation of ADN mixtures | OP4.09 |
| 10 | Skvorcinskiene, Raminta | Lithuania | Thermal analysis of polymers by Thermogravimetry (TG), Differential Scanning Calorimetry (DSC) and Evolved gas analysis by Fourier infrared spectroscopy (FTIR) | OP4.10 |
| 11 | Buczowski, Adam | Poland | Calorimetric and spectroscopic studies of the formation of supramolecular complex between cucurbituril Q7 macrocycle and gemcitabine hydrochloride | OP4.11 |
| 12 | Drzazga, Zofia | Poland | Infrared thermal imaging of swimmers and ski-runners during endurance training. Comparative thermal analysis | OP4.12 |
| 13 | Majda, Dorota | Poland | Characterization of cartilage porosity with NaCl thermoporometry | OP4.13 |
| 14 | Pelosi, Chiara | Italy | New development in protein-polymer conjugation: PPE-ylated myoglobin | OP4.14 |
| 15 | Trebacz, Hanna | Poland | Differential scanning calorimetry as a tool for evaluation of peritoneal tissue in patients undergoing laparoscopy – capabilities and limitations | OP4.15 |
| 16 | Hutchinson, John | Spain | Thermal conductivity of epoxy-thiol composites filled with boron nitride | OP4.16 |
| 17 | Antonijevic, Milan | United Kingdom | What can we learn from preparing three component co-amorphous system? | OP4.17 |
| 18 | Lokteva, Ekaterina | Russian Federation | PVC pyrolysis in the presence of sorbents: investigation by TG/DSC/MS | OP4.18 |
| 19 | Gavrilas, Simona | Romania | Influence of the bioscouring complexing agents on the thermal degradation of cotton fabrics | OP4.19 |
| 20 | Chislov, Mikhail | Russian Federation | Isothermal calorimetry and ¹ H NMR study on complex formation of cyclodextrins with pharmacologically active 1,2,4-thiadiazole derivatives | OP4.20 |
| 21 | Gosteva, Alevtina | Russian Federation | Influence of the anion ligand nature on the thermal behavior of double complex compounds with a cation [Cr(ur) ₆] ³⁺ | OP4.21 |
| 22 | Basaran, Tahsin | Turkey | An Experimental Study about Thermal Behaviour of Human Body under Different Exercise Loads | OP4.22 |
| 23 | Kose, Dursun Ali | Turkey | Synthesis, Structural and Thermal Characterization of Acesulfamato-Nicotinamid Mixed Ligand Complexes of Some Transition Metal Cations | OP4.23 |
| 24 | Ozer, Ummuhani H. | Turkey | The analytical investigations of structural formation in synthetic and bovine hydroxyapatite bioceramics | OP4.24 |
| 25 | Cristea, Mariana | Romania | Polyurethane structures investigated by dynamic mechanical analysis: comments on loading type-dependent viscoelastic behaviour | OP4.25 |
| 26 | Dirlau, Iuliana D. | Romania | Organic pollutants removal from aqueous solutions by surface gliding discharges | OP4.26 |
| 27 | Pieczara, Gabriela | Poland | Thermal stability and decomposition products of phosphate-doped ferrihydrite | OP4.27 |

| Poster Session 1. Theory & Methods, Kinetics & Catalysis, Fuels & Biofuels, Energetics, Fertilizers and Applied Thermal Engineering | | | | |
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| No | Name | Country | Abstract title | Code |
| 1 | Akhmadiyarov, Aydar | Russian Federation | Hydrogen donors for in situ catalytic upgrading of heavy crude oil through thermolysis process. | PS1.01 |
| 2 | Roedolf, Daniel | Belgium | Gas Storage Capacity of MOF Materials – Measuring High Pressure Methane Adsorption. | PS1.02 |
| 3 | Kolejka, Jaroslav | Czech Republic | Measuring Modulus (DMA), Thermal Expansion (TMA), Shear Viscosity (Rheometer) and Dielectric Constants (DEA) with one Thermal Analyser: ARES-G2 from TA Instruments | PS1.03 |
| 4 | Pacheco Pujatti, Fabricio J. | Brazil | Design and Combustion Analysis of an Ethanol Homogeneous Charge Torch Ignition System for a SI engine | PS1.04 |
| 5 | Sebastiao, Rita de Cassia de Oliveira | Brazil | Thermal Degradation and Kinetic Studies of Automotive Polyurethane under non-isothermal and isothermal conditions | PS1.05 |
| 6 | Brandova, Daniela | Czech Republic | Kinetics of solid-solid phase transformations in $(As_2Se_3)_{50}(As_2Te_3)_{50}$ chalcogenide glass | PS1.06 |
| 7 | Urzova, Jana | Czech Republic | Modelling of heat transfer after the laser-tissue interaction | PS1.07 |
| 8 | Hassan, Shehab Mansour | Egypt | Crystallization kinetics of nano-sized amorphous TiO_2 prepared by facile hydrolysis route via ultrasonic irradiation | PS1.08 |
| 9 | Hassan, Shehab Mansour | Egypt | Studies on Photocatalytic Performance and Photodegradation Kinetics of Fenton-like Process Based on Hematite Nanocrystals for Basic Dye Removal | PS1.09 |
| 10 | Shiota, Kento | Japan | Thermal and structure analysis of ammonium dinitramide and nitrate salt eutectic mixtures | PS1.10 |
| 11 | Ginsari, Irina | Moldova | Temperature programmed decomposition of nut shells active carbons | PS1.11 |
| 12 | Lozovanu, Petru | Moldova | Variation of the Coefficient of Thermal Transfer to Composite Concrete Using Lower-Carbon Nano-Clusters | PS1.12 |
| 13 | Nistreanu, Andrei | Moldova | Molecular Dynamic Investigation of Biomaterial's Surfaces for Dental Implants | PS1.13 |
| 14 | Borek, Wojciech | Poland | Effect of addition Ag on microstructure and crystallization kinetics of Cu-Ti | PS1.14 |
| 15 | Krupinski, Mariusz | Poland | Effect of addition Ce on crystallization kinetics and microstructure of Zn-Al-Cu alloys | PS1.15 |
| 16 | Ksepko, Ewelina | Poland | Investigations of various oxygen carriers for both chemical looping combustion and chemical looping with oxygen uncoupling applications | PS1.16 |
| 17 | Majda, Dorota | Poland | Thermoporometry as a tool for characterization of mesoporous materials | PS1.17 |
| 18 | Stawski, Dawid | Poland | Thermal Properties of Poly(N,N-dimethylaminoethyl methacrylate) | PS1.18 |
| 19 | Akhmadiyarov, Aydar | Russian Federation | Hydrogen donors for in situ catalytic upgrading of heavy crude oil through thermolysis process. | PS1.19 |
| 20 | Babich, Alexey | Russian Federation | Investigation of the crystallization kinetics for $Ge_2Sb_2Te_5$ thin films by differential scanning calorimetry and measurements of the resistivity temperature dependences | PS1.20 |
| 21 | Baranovskiy, Nikolay V | Russian Federation | Forest fuel ignition by the heated up to high temperatures carbonaceous particle: experimental research | PS1.21 |
| 22 | Emelianov, Dmitrii | Russian Federation | Catalytic effect of copper-based compound on the oxidation behaviour of Ashal'cha heavy oil: HP-DSC and ARC study | PS1.22 |
| 23 | Korchagina, Elena | Russian Federation | High-precision measurements of combustion energy of high- and low-calorie gases | PS1.23 |
| 24 | Musin, Timur | Russian Federation | Kinetic analysis of hydrolized lignin pyrolysis | PS1.24 |
| 25 | Rakipov, Ilnaz | Russian Federation | Thermocatalytic pyrolysis and oxidation of heavy oil at reservoir conditions | PS1.25 |
| 26 | Mentus, Slavko | Serbia | Kinetics of oxidation of different carbon powders in air atmosphere | PS1.26 |
| 27 | Obradovic, Nina | Serbia | Kinetics and thermodynamics of thermally activated processes in cordierite-based ceramics | PS1.27 |
| 28 | Strbac, Goran | Serbia | Glass transition kinetics and fragility index of chalcogenides from the Ag-As-S-Se system | PS1.28 |
| 29 | Zdravkovic, Jelena | Serbia | Non-isothermal degradation of zinc-isophthalate complex with 2,2'-dipyridylamine | PS1.29 |
| 30 | Hee-Chul, Yang | South Korea | Kinetic analysis and predictions of thermal decomposition of spent ion exchange resins for the optimization of screw conveyor reactor | PS1.30 |
| 31 | Hee-Chul, Yang | South Korea | Thermal decomposition kinetics of carbon-immobilized minerals | PS1.31 |
| 32 | Valverde Palomino, Jose L. | Spain | Effect of dolomite for the thermogravimetric-mass spectrometric analysis of olive pomace, coal and petcoke co-gasification | PS1.32 |
| 33 | Atasoy, Ahmet | Turkey | Kinetic analysis of Ti_3SiC_2 MAX phase | PS1.33 |
| 34 | Cavdar, Sukru | Turkey | Crystallization Kinetics of Nucleation Effect of Ga Doped on BSCCO Glass Ceramic Systems | PS1.34 |
| 35 | Kurtuldu, Fatih | Turkey | Glass-ceramics produced from bone ash containing glasses | PS1.35 |
| 36 | Onen, Umut | Turkey | Crystallization kinetics of vermiculite glass | PS1.36 |

| | | | | |
|----|------------------------|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 37 | Onen, Umut | Turkey | Crystallization kinetics of vermiculite based machinable glass-ceramics | PS1.37 |
| 38 | Toplan, Huseyin Ozkan | Turkey | The crystallization kinetics of the Bi ₂ O ₃ added- MgO-Al ₂ O ₃ -SiO ₂ -TiO ₂ glass ceramics system produced from industrial waste | PS1.38 |
| 39 | Toplan, Huseyin Ozkan | Turkey | The carbothermal reduction and nitridation (CRN) kinetics of silica by differential thermal analysis | PS1.39 |
| 40 | Toplan, Nil | Turkey | The crystallization kinetics of CaO-Al ₂ O ₃ -SiO ₂ (CAS) glass ceramics system produced from pumice and marble dust | PS1.40 |
| 41 | Toplan, Nil | Turkey | The crystallization kinetics of CaO-MgO-Al ₂ O ₃ -SiO ₂ (CMAS) glass ceramics system doped with lead oxide | PS1.41 |
| 42 | Yilmaz, Senol | Turkey | Effect of perlite addition on sintering kinetics of porcelain bodies | PS1.42 |
| 43 | Yilmaz, Senol | Turkey | Crystallization kinetics of basalt based glass-ceramics for solid oxide fuel cell application | PS1.43 |
| 44 | Circioban, Denisa | Romania | Thermal degradation, kinetic analysis and evaluation of biological activity on human melanoma for artemisinin | PS1.44 |
| 45 | Doca, Nicolae | Romania | Thermal degradation and kinetic analysis for artemether and artesunate | PS1.45 |
| 46 | Ion, Ion V. | Romania | Investigation of flame acoustic excitation of a gas fueled burner | PS1.46 |
| 47 | Ionescu, Maria | Romania | Performant Applications of Functionally Graded Composites ComGrad | PS1.47 |
| 48 | Ionescu, Stefania | Romania | Panels with sandwich structure for reducing heat transfer at external cladding of buildings | PS1.48 |
| 49 | Ledeti, Adriana | Romania | Thermal analysis and kinetic study of 6-ethyl chenodeoxycholic acid and deoxycholic acid | PS1.49 |
| 50 | Ledeti, Adriana | Romania | Thermal analysis and kinetic study of deprenyl hydrochloride | PS1.50 |
| 51 | Ledeti, Ionut | Romania | Thermal analysis and kinetic study of prochlorperazine and promethazine | PS1.51 |
| 52 | Marian, Eleonora | Romania | Thermal stability of amygdalin. Part 1. Kinetic study of the active substance under non-isothermal conditions | PS1.52 |
| 53 | Marian, Eleonora | Romania | Thermal stability of fusidic acid. Part 1. Kinetic study of the active substance under isothermal conditions | PS1.53 |
| 54 | Marinescu, Cornelia A. | Romania | Kinetic and thermodynamic study of titanium hydride dehydrogenation process | PS1.54 |
| 55 | Mateescu, Madalina | Romania | The kinetic study of the thermally induced degradation and an evaluation of the drug-excipient interactions performed for a new generation bisphosphonate – risedronate | PS1.55 |
| 56 | Mateescu, Madalina | Romania | An evaluation of the structure, thermal behaviour and kinetic parameters of a novel biomimetic hybrid organic/inorganic hydroxyapatite-based composite | PS1.56 |
| 57 | Petreanu, Irina | Romania | Thermal behaviour of some conductive adhesives used for PEMFC bipolar plate bonding | PS1.57 |
| 58 | Pop, Nicolina | Romania | Study of thermal degradation of photovoltaic panels: Optical non-destructive versus mechanical destructive methods | PS1.58 |
| 59 | Popa, Viorel | Romania | Theoretical study on increasing the efficiency of a heat pump by refrigerant injection at intermediate pressure | PS1.59 |
| 60 | Rosu, Dan | Romania | Influence of Ti–Al tanning agent on the non–isothermal decomposition kinetics of wet–white leather | PS1.60 |
| 61 | Rus, Lucia M. | Romania | Physical characterisation used for the development of a stable freeze-dried meloxicam formulation | PS1.61 |
| 62 | Stan, George | Romania | Aluminum nitride based micro-electronics for harsh environments | PS1.62 |
| 63 | Tarulescu, Radu | Romania | Analytical contributions to the definition of a wind traction for marine ships | PS1.63 |
| 64 | Tirca, Ion | Romania | Properties of Layered Double Hydroxides (LDHs) thin films deposited by laser techniques | PS1.64 |
| 65 | Toma, Adina | Romania | Jet CAT P80 thermal analyses and performance assessment using different fuels types | PS1.65 |
| 66 | Trinca, Liliana | Romania | Temperature influence on the memory functionality of PZT/aIGZO based heterostructures | PS1.66 |
| 67 | Unguresan, Mihaela L. | Romania | Fast Interaction of Cu ²⁺ with S ₂ O ₃ ²⁻ in Aqueous Solution | PS1.67 |
| 68 | Unguresan, Mihaela L. | Romania | Adsorption Process of Phenothiazine Solution in Dimethyl Sulfoxide on graphite electrodes | PS1.68 |
| 69 | Varganici, Cristian D. | Romania | Non–isothermal decomposition kinetics of wet–blue leather. Influence of Cr (III) salts tanning agent | PS1.69 |
| 70 | Dumitrescu, Nicoleta | Romania | Pyroelectric properties of lead-free (Na _{0.5} Bi _{0.5}) _{1-x} (BaTiO ₃) _x thin films obtained by pulsed laser deposition | PS1.70 |
| 71 | Ion, Valentin | Romania | Epitaxial thin films of (Ba _{1-x} Ca _x)(Zr _v Ti _{1-v})O ₃ obtained by Pulsed Laser Deposition (PLD) | PS1.71 |
| 72 | Petkova, Vilma | Bulgaria | Impact of high energy mill and mineral additives on thermal behaviour of carbonate-quartz-apatite system | PS1.72 |
| 73 | Petkova, Vilma | Bulgaria | Effect of marble powder addition on structure and thermal behaviour of mortars with low water–cement ratio | PS1.73 |
| 74 | Dmitroglo, Liliana | Moldova | Irreversible thermal transformations of optical constants of petroleum compounds thin layers on the metal surfaces | PS1.74 |
| 75 | Evtodiev, Silvia | Moldova | Thermal transformations of the optical constants of petroleum products films on the water surface | PS1.75 |
| 76 | Gradys, Arkadiusz | Poland | Geometrical effects during crystallization in quasi 1D geometry, as studied in electrospun core-shell fibres | PS1.76 |
| 77 | Parisi, Filippo | Italy | New Composites in Cultural Heritage: Sustainable Consolidation and Protection for Waterlogged Archaeological Wood | PS1.77 |
| 78 | Bissengaliyeva, Mira | Kazakhstan | Thermodynamic functions and fractal dimensions of samarium-calcium tungstate based on low-temperature calorimetry | PS1.78 |

| | | | | |
|-----|---------------------------|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 79 | Dudek, Piotr | Poland | Comparative analysis of bioactivity of scaffolds obtaining by 3D printing technique | PS1.79 |
| 80 | Dudek, Piotr | Poland | Additive manufacturing of thermoplastic matrix composites using Selective Laser Sintering | PS1.80 |
| 81 | Utkina, Tatiana | Russian Federation | Water sorption by layered perovskite-type titanate $K_2Nd_2Ti_3O_{10}$ in humid atmosphere | PS1.81 |
| 82 | Zelenina, Ludmila | Russian Federation | Thermodynamic study of volatile zirconium and yttrium beta-diketonates - perspective precursor for MO CVD processes | PS1.82 |
| 83 | Hutchinson, John | Spain | Physical aging of shape memory polymers based upon epoxy-thiol "click" systems | PS1.83 |
| 84 | Perez-Rodriguez Jose Luis | Spain | Study of the thermal decomposition of historical Spanish metal threads | PS1.84 |
| 85 | Maksimuk, Yuri | Belarus | Fuelwood from Belarus: calorific value and elemental composition | PS1.85 |
| 86 | Povar, Igor | Moldova | Derived expressions for the enthalpies of polynuclear complex formation reactions in heterogeneous multicomponent systems | PS1.86 |
| 87 | Zaltariov, Mirela F. | Romania | Thermal behaviour of photo-aging PDMS polymeric films with embedded Lanthanum complexes based on polytopic ligands | PS1.87 |
| 88 | Gingu, Oana | Romania | Physical and chemical processes during the sintering treatments applied to ceramic biocomposites | PS1.88 |
| 89 | Sofronia, Ancuta M. | Romania | Thermal investigation of the hydroxyapatite – based materials by coupled TG-DSC methods | PS1.89 |
| 90 | Gavrichev, Konstantin | Russian Federation | Heat capacity and thermodynamic properties of zirconates of lanthanides | PS1.90 |
| 91 | Gosteva, Alevtina | Russian Federation | Obtaining and catalytic properties investigation of the products of the thermal oxidation double complex salts $[Cr(ur)_6][M(L)_6]$ ($M= Co, Fe; L=CN^-, 1/2C_2O_4^{2-}$) | PS1.91 |
| 92 | Khachatryan, Artashes | Russian Federation | New thermochemical aspects of organic compounds intermolecular interactions in ionic liquids | PS1.92 |
| 93 | Oprescu, Elena-Emilia | Romania | Agriculture waste valorisation as fertilizers based on humic mater | PS1.93 |
| 94 | Cioroianu, Traian | Romania | Iron and copper humates obtained from lignite | PS1.94 |
| 95 | Cioroianu, Traian | Romania | Obtaining and complex characterization of certain compounds of humic acids with metal cations | PS1.95 |
| 96 | Mitovski, Aleksandra | Serbia | Reaction mechanism, thermal analysis and kinetics of Bi_2S_3 oxidation in the air atmosphere | PS1.96 |
| 97 | Tutunaru, Bogdan S. | Romania | Thermal and electrochemical study of chemotherapeutic Fluorouracil drug interaction on Ti electrode surface | PS1.97 |
| 98 | Tutunaru, Bogdan S. | Romania | Electrochemical and thermal stability of Brown HT food additive | PS1.98 |
| 99 | Petuhov, Oleg | Moldova | Study of thermal regeneration of expanded perlite used in the filtration of vegetable oil | PS1.99 |
| 100 | Rotaru, Petre | Romania | Orthorhombic YBCO-123 ceramic oxide superconductor: structural, resistive, diamagnetic and thermal behaviour | PS1.100 |
| 101 | Harabor, Ana | Romania | $Bi_{1.8}Pb_{0.3}Sr_2Ca_2(Cu_{1-x}Ni_x)_{3.3}O_y$ system: excess-conductivity, structure and thermal behaviour | PS1.101 |
| 102 | Florian, Gabriel | Romania | Phase transitions in orthodontic intelligent alloys | PS1.102 |
| 103 | Florian, Gabriel | Romania | Phase transitions in shape memory alloys | PS1.103 |
| 104 | Cao, Chen-Rui | Taiwan | Green way to develop kinetics for cumene hydroperoxide mixed with phenol for autocatalytic reaction via TAM III tests | PS1.104 |
| 105 | Popescu, Simona M. | Romania | Comparative thermal stability of walnut shells from different Romanian types of nuts | PS1.105 |
| 106 | Yegorova, Alevtina | Russian Federation | Investigation of the properties of a furan-2-one-based catalyst in the hydrotreatment process of the diesel oil fraction | PS1.106 |

Poster Session 2. Materials: ceramics, metals & alloys, cements, glasses, minerals, nanomaterials, thin films and composites

| No | Name | Country | Abstract title | Code |
|----|----------------------------|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 1 | Scotto, Piero | USA | Multimode, Horizontal and Vertical Optical Dilatometer for ceramics, frits & glazes, tape casting, ash fusibility | PS2.01 |
| 2 | Holjevac Grguric, Tamara | Croatia | The Effect of Al/Mn Content on the Thermodynamic Parameters of Cu-Al-Mn Alloys | PS2.02 |
| 3 | Holjevac Grguric, Tamara | Croatia | Polymer biocomposites based on natural lignocellulose: Preparation and thermal characterization | PS2.03 |
| 4 | Olmrova Zmrhalova, Zuzana | Czech Republic | Crystallization behaviour of $Y_3Al_5O_{12}$ | PS2.04 |
| 5 | Dedova, Tatjana | Estonia | Influence of solution composition on sprayed ZnO nanorods properties and formation process: thermoanalytical study of the precursors | PS2.05 |
| 6 | Leinemann, Inga | Estonia | Reaction pathway to CZTSe Part 1. Chemical reactions and enthalpies in mixtures ZnSe-CdI ₂ , SnSe-CdI ₂ , CuSe-CdI ₂ | PS2.06 |
| 7 | Leinemann, Inga | Estonia | Reaction pathway to CZTSe Part 2. Chemical reactions and enthalpies in mixtures CuSe-SnSe-CdI ₂ , CuSe-SnSe-ZnSe-CdI ₂ and Cu ₂ ZnSnSe ₄ monograin sintering | PS2.07 |
| 8 | Tranquillo, Elisabetta | Italy | Chemical and thermal behaviour characterization of pure Al ₂ O ₃ •2SiO ₂ synthesized via a sol-gel technique | PS2.08 |
| 9 | Vecchio Cipriotti, Stefano | Italy | Thermal behaviour study of ZrO ₂ /PCL hybrids synthesized via sol-gel route | PS2.09 |
| 10 | Baltakys, Kestutis | Lithuania | The influence of different additives on the early stage hydration of calcium aluminate cement | PS2.10 |
| 11 | Gaidamaviciene, Giedre | Lithuania | Thermoanalytical study of strontium substituted Ca-Mo-O nitrate-tartrate gel precursors prepared by sol-gel synthesis | PS2.11 |
| 12 | Gaidamaviciene, Giedre | Lithuania | Synthesis, properties and thermoanalytical study of calcium substituted LAMOX oxide-ion conductor | PS2.12 |
| 13 | Siauciuonas, Raimundas | Lithuania | Peculiarities of 1.13 tobermorite and xonotlite synthesis from isomorphic Ca/Si rocks | PS2.13 |
| 14 | Botnariuc, Vasile | Moldova | Zn ₂ SnO ₄ nanodimensional layers' growth at 300-400 °C by spray method | PS2.14 |
| 15 | Colibaba, Gleb | Moldova | Temperature influence on the doping efficiency by various metals for CVT ZnO crystals | PS2.15 |
| 16 | Colibaba, Gleb | Moldova | Temperature influence on the chemical mass transport rate of ZnO | PS2.16 |
| 17 | Goncearenco, Evghenii | Moldova | Temperature growth influence on luminescent properties of ZnSe:Gd single crystals | PS2.17 |
| 18 | Gorceac, Leonid | Moldova | InP photovoltaic cells: results and comparison | PS2.18 |
| 19 | Lazarescu, Ana | Moldova | Single source synthesis of Sr ₆ Co ₅ O ₁₅ •Co ₃ O ₄ composite: characterization of the oxide product and its precursor | PS2.19 |
| 20 | Lupan, Oleg | Moldova | Effect of rapid thermal annealing on properties of ZnO:Ag nanostructures | PS2.20 |
| 21 | Lupan, Oleg | Moldova | Highly sensitive and selective Acetone gas sensors based on Au - surface decorated CuO nanostructures | PS2.21 |
| 22 | Nikorich, Valentina | Moldova | Nonlinearity of PbTe:Ga current-voltage dependencies at low temperatures | PS2.22 |
| 23 | Raevschi, Simion | Moldova | AIII-N layers deposited on Silicon by the HVPE method with polymerized nitrogen traces (pN) | PS2.23 |
| 24 | Sprincean, Veaceslav | Moldova | Thermal analysis of the composition of gallium and sulfur oxides obtained by thermal oxidation of gallium (III) sulfide | PS2.24 |
| 25 | Borek, Wojciech | Poland | Effect of temperature and deformation on the structure of high-Mn austenitic steels | PS2.25 |
| 26 | Checmanowski, Jacek | Poland | Protective properties of SiO ₂ with SiO ₂ and Al ₂ O ₃ nanoparticles sol-gel coatings deposited on FeCrAl alloys | PS2.26 |
| 27 | Checmanowski, Jacek | Poland | The heat resistance of FeCrAl alloy covered with sol-gel nanocomposite SiO ₂ coatings containing oxides of reactive elements | PS2.27 |
| 28 | Ciesielski, Wojciech | Poland | Hydrogenation, structural and electrochemical properties of hybrid Mg ₇₆ Li ₁₂ Al ₁₂ alloy and MWCNT | PS2.28 |
| 29 | Dudek, Magdalena | Poland | Manufacture and determination of the physicochemical properties of NiO-Ca _{0.05} Ba _{0.95} Ce _{0.9} Y _{0.1} O ₃ as an anode material for a ceramic proton-conducting fuel cell | PS2.29 |
| 30 | Krol, Mariusz | Poland | Refinement effect of RE in light weight Mg-Li-Al alloys | PS2.30 |
| 31 | Krol, Mariusz | Poland | Influence of binder components and thermal debinding conditions on the structure and properties of Co-Cr-Mo alloys manufactured by PIM | PS2.31 |
| 32 | Krupinski, Mariusz | Poland | Analysis of the effect of solidification and heat treatment on the Cu-Ni alloy structure | PS2.32 |
| 33 | Kucharczyk, Barbara | Poland | Effect of calcination temperature of LaFeO ₃ perovskite precursors on the properties and the catalytic activity of the perovskite in methane oxidation | PS2.33 |
| 34 | Labus, Małgorzata | Poland | Thermogravimetry as a tool for fracturing fluid adsorption in shales | PS2.34 |
| 35 | Labus, Małgorzata | Poland | Thermal conductivity of fine-grained sedimentary rocks | PS2.35 |

| | | | | |
|----|-----------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 36 | Lis, Bartlomiej | Poland | Utilisation of the gel-casting method for the fabrication of Ba _{0.95} Ca _{0.05} Ce _{0.9} Y _{0.1} O ₃ proton-conducting membranes for intermediate-temperature solid oxide fuel cells | PS2.36 |
| 37 | Maciag, Tomasz | Poland | Enthalpy of formation of intermetallic phases from Al-Zr system determined by calorimetric solution method | PS2.37 |
| 38 | Maciag, Tomasz | Poland | Thermal analysis of high-tin bronze of chemical composition corresponding to the composition of the Tibetan bowl | PS2.38 |
| 39 | Migas, Damian | Poland | Thermal diffusivity characterization of zirconate, cerate and hafnate of europium | PS2.39 |
| 40 | Mikusiewicz, Marta | Poland | The influence of sonochemical method of powders preparation on synthesis process of europium zirconate | PS2.40 |
| 41 | Szczygiel, Irena | Poland | The study of thermal, microstructural and magnetic properties of manganese-zinc ferrite prepared by co-precipitation method using different precipitants | PS2.41 |
| 42 | Szostak, Elzbieta | Poland | Phase transitions in [Co(DMSO) ₆](ClO ₄) ₂ studied by Raman light scattering, and infrared absorption spectroscopy | PS2.42 |
| 43 | Trusilewicz, Lidia | Poland | Thermal stability of Friedel's salt from metacaolin origin, by DSC and HTXRD techniques | PS2.43 |
| 44 | Anikina, Elena | Russian Federation | Study of hydrogen interaction with Ti _{0.9} Zr _{0.1} Mn _{1.3} V _{0.6} by means of calorimetric method | PS2.44 |
| 45 | Babich, Alexey | Russian Federation | Investigation of the heat effects for the powder Al-Ni thermite materials | PS2.45 |
| 46 | Ghyngazov, Sergey | Russian Federation | Dilatometric thermal studies of sintering of lithium ferrite with ZrO ₂ addition | PS2.46 |
| 47 | Ghyngazov, Sergey | Russian Federation | Effect of additives on zirconium ceramics sintering | PS2.47 |
| 48 | Ilatovskaia, Mariia | Russian Federation | The MgO-TiO ₂ system | PS2.48 |
| 49 | Kalinkin, Aleksandr | Russian Federation | Synthesis of La ₂ Zr ₂ O ₇ by thermal treatment of mechanically activated salt mixture | PS2.49 |
| 50 | Kirichenko, Olga | Russian Federation | Thermal decomposition and reducibility of the silica-supported precursors of Cu, Fe and Cu-Fe nanoparticles | PS2.50 |
| 51 | Kuzina, Anisa | Russian Federation | Application of the isothermal calorimetry method in the study of influence of lithium carbonate adding on the hydration rate of cement binders | PS2.51 |
| 52 | Kuznetsov, Viktor | Russian Federation | Thermal analysis of Early-Late Neolithic ancient pottery | PS2.52 |
| 53 | Malyshev, Andrey | Russian Federation | Microstructure and thermal analysis of lithium ferrite pre-milled in a high energy ball mills | PS2.53 |
| 54 | Minich, Iana | Russian Federation | Thermal study of phase transformations during thermolysis of protonated and hydrated layered perovskite bismuth titanates | PS2.54 |
| 55 | Nikolaev, Evgeniy | Russian Federation | Thermal analysis study of LiFeO ₂ formation from Li ₂ CO ₃ -Fe ₂ O ₃ mechanically activated reagents | PS2.55 |
| 56 | Silyukov, Oleg | Russian Federation | Thermal study of hydrated and alcohol derivatives of protonated layered perovskite-like niobates | PS2.56 |
| 57 | Vlasov, Vitaly | Russian Federation | Analysis of phase composition of LiZn and LiTi ferrites by XRD and thermomagneto-metric analysis | PS2.57 |
| 58 | Zavrzhnov, Alexander Y. | Russian Federation | Phase diagram of the Sn-P system | PS2.58 |
| 59 | Vasic, Milica | Serbia | Thermal stability and thermally induced crystallization of amorphous Fe ₄₀ Ni ₄₀ B ₁₂ Si ₈ alloy | PS2.59 |
| 60 | Voncina, Maja | Slovenia | Analysis of solidification characteristics in AlSi10MnMg alloy with additions of Zr or/and Mo using thermal analysis | PS2.60 |
| 61 | Kim, Sang Bum | South Korea | Thermal, Mechanical and Cavitation Behaviour of Poly(4-methyl-1-pentene)/Poly(ethylene-co-vinyl alcohol)-coated TiO ₂ Nanocomposites | PS2.61 |
| 62 | Garcia-Glez, Jorge | Spain | Thermal behaviour of a fibrous titanium oxophosphate with ability for nitrogen-adsorption above room temperature | PS2.62 |
| 63 | Garcia-Glez, Jorge | Spain | Thermal behaviour of layered α-titanium phosphates: From the titanium(IV) bis(hydrogenphosphate) monohydrate to an europium(III)-phase <i>via</i> propylamine intercalation | PS2.63 |
| 64 | Perez-Maqueda, Luis A. | Spain | In-Situ Synchrotron Energy Dispersive X-ray Diffraction During Flash Sintering of Unstable Complex Oxides: The Case of BiFeO ₃ | PS2.64 |
| 65 | Sopov, Viktor | Ukraine | Calorimetry in chemistry and technology of cement and concrete | PS2.65 |
| 66 | Sopov, Viktor | Ukraine | Application of Differential Scanning Calorimetry to assess the effectiveness of protective concrete coatings of microbiological sulfuric acid aggression | PS2.66 |
| 67 | Atasoy, Ahmet | Turkey | Processing of TiC-Al ₂ O ₃ ceramic composite | PS2.67 |
| 68 | Celebi Efe, Gozde | Turkey | An Investigation on UHMWPE-HAp Composites Manufactured by Solution-Gelation Method | PS2.68 |
| 69 | Celebi Efe, Gozde | Turkey | The Effect of Nano TiO ₂ Particles on UHMWPE | PS2.69 |
| 70 | Gokce, Azim | Turkey | Properties of sintered Al-Cu-Mg-Sn alloys | PS2.70 |
| 71 | Gokce, Azim | Turkey | Development of Ti-16Nb-xZr alloy for implant applications | PS2.71 |
| 72 | Kalaycioglu Ozpozan, Nilgun | Turkey | Preparation of MgAl ₂ Si ₂ O ₈ :Pd _{0.01} as Cathode Active Layer for DSSCs | PS2.72 |
| 73 | Kalaycioglu Ozpozan, Nilgun | Turkey | Fabrication of MgAl ₂ Si ₂ O ₈ :Ru _{0.01} as Counter Electrode Catalyst for Dye-Sensitized Solar Cells | PS2.73 |
| 74 | Karacolak, Ali Ihsan | Turkey | Preperation, characterization of SrMO ₄ :Eu@MCM-41 composites | PS2.74 |

| | | | | |
|-----|-------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 75 | Karakas, Aptullah | Turkey | Electrical properties and thermal expansion of in-situ formed Cordierite-Anorthite ceramic composite | PS2.75 |
| 76 | Ozdemir, Ozkan | Turkey | Corrosion Behaviour of Inconel 718 Superalloys Produced By Powder Metallurgy | PS2.76 |
| 77 | Ozdemir, Ozkan | Turkey | Hot Corrosion Behaviours of Ti48Al and Ti48Al-2Cr Intermetallics Produced by Electric Current Activated Sintering (ECAS) | PS2.77 |
| 78 | Tunc Parlak, Tugba | Turkey | Dehydroxylation of high-energy ball milled diasporic bauxite | PS2.78 |
| 79 | Yildiz, Kenan | Turkey | Study on thermal behaviour of mechanically activated smithsonite | PS2.79 |
| 80 | Bercea, Adrian | Romania | Antireflective coatings for high power laser optics produced by RF-PLD: the influence of the substrate temperature | PS2.80 |
| 81 | Beselaga, Cristina | Romania | Annealing influence on amorphous IGZO based TFTs | PS2.81 |
| 82 | Boroica, Lucica | Romania | Obtaining and characterization of glasses from BaO - B ₂ O ₃ - TiO ₂ system | PS2.82 |
| 83 | Botea Petcu, Alina | Romania | The study of the protein – nanoparticles interaction by calorimetric methods | PS2.83 |
| 84 | Botea Petcu, Alina | Romania | Thermodynamic properties of LnCoO _{3-δ} (Ln = La, Pr, Nd, Sm, Gd) perovskite-type oxides | PS2.84 |
| 85 | Cobirzan, Nicoleta | Romania | Thermophysical properties of fired clay bricks with waste ceramics and paper pulp as pore forming agent | PS2.85 |
| 86 | Condruz, Mihaela Raluca | Romania | Homogenization Heat Treatment and Segregation Analysis of Equiaxed CMSX-4 Superalloy for Gas Turbine Components | PS2.86 |
| 87 | Ling, Michael | United Kingdom | Thermal expansion coefficient derived from a dilatometry study on a set of as-cast Pu-Ga alloys at multi-stage solid phase transformations during heating | PS2.87 |
| 88 | Dumitru, Raluca | Romania | BiFeO ₃ : synthesis, characterization and its photocatalytic activity towards doxorubicin degradation from water | PS2.88 |
| 89 | Dumitru, Raluca | Romania | Synthesis, characterization of nanosized ZnCr ₂ O ₄ and its photocatalytic performance in the degradation of humic acid from drinking water | PS2.89 |
| 90 | Gabor, Augusta R. | Romania | Thermal, optical and dynamic mechanical properties of LDPE/TiO ₂ nanocomposites | PS2.90 |
| 91 | Gabor, Augusta R. | Romania | Study of photodegradation of PP/TiO ₂ nanocomposites for short duration materials | PS2.91 |
| 92 | Marin, Laurentiu | Romania | Thermal Gravimetric Analysis (TGA) of graphite films deposited on metal surface by electrical discharge in impulse | PS2.92 |
| 93 | Mihalache, Valentina | Romania | Thermal analysis of Fe–14Cr–3W–0.4Ti–0.25Y ₂ O ₃ oxide dispersion-strengthened ferritic steel powder ball-milled in air | PS2.93 |
| 94 | Pacurariu, Cornelia | Romania | A novel synthesis, characterization and magnetic properties of manganese ferrite/carbon composites | PS2.94 |
| 95 | Pacurariu, Cornelia | Romania | Manganese ferrite-polyaniline hybrid materials. Electrical and magnetic properties | PS2.95 |
| 96 | Pop, Nicolina | Romania | Ceramics sintering in dental ovens: non-destructive evaluations using optical coherence tomography (OCT) | PS2.96 |
| 97 | Zvereva, Irina | Russian Federation | Thermal analysis and EPR study of copper exchanged mordenites | PS2.97 |
| 98 | Pascu, Ileana | Romania | Titanium-based composite alloy with high thermal and mechanical properties | PS2.98 |
| 99 | Pascu, Ileana | Romania | Composite material based on wolfram powder obtained by mechanical alloying | PS2.99 |
| 100 | Manasijevic, Dragan | Serbia | Properties and structure of Cu-Al-Ni shape memory alloys prepared by mechanical alloying and powder metallurgy | PS2.100 |
| 101 | Balanovic, Ljubisa | Serbia | Thermal analysis of the Bi-In-Sn and Bi-In-Pb ternary eutectic alloys | PS2.101 |
| 102 | Balanovic, Ljubisa | Serbia | Effect of the precipitation of metastable phases on the thermal properties of aluminium alloys from 6000 series | PS2.102 |
| 103 | Yildirim, Zeynep | Turkey | Synthesis, characterization and investigation of luminescence properties of CaMO ₄ :Eu@MCM-41 composites | PS2.103 |
| 104 | Cao, Chen-Rui | Taiwan | Comparative study on combustion characteristics of zirconium particles coated with ferrite nanoparticles | PS2.104 |
| 105 | Ullah, Sana | Hong Kong | Direct measurement on the abnormal electrocaloric effects in Bi _{1-0.5} Na _{0.5} TiO _{3-x} BaTiO ₃ solid solutions | PS2.105 |
| 106 | Criveanu, Marius | Romania | The effect of “GASCARBUSINT” method on the tribological properties of sintered steels | PS2.106 |

| Poster Session 3. Thermochemistry & (Bio)Calorimetry, Polymers, Biocomposites, Bio(macro)molecules, Organic & Functional compounds | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| No | Name | Country | Abstract title | Code |
| 1 | Maksimuk, Yuri | Belarus | Standard enthalpies of formation and sublimation for vanillin | PS3.01 |
| 2 | Vasarenko, Ivan | Belarus | Bomb isoperibolic calorimeter BIC 100 for research and testing | PS3.02 |
| 3 | Andre, Remi | France | Recent improvements in the high pressure differential calorimetry method applied to the study of gas hydrates | PS3.03 |
| 4 | Maskow, Thomas | Germany | Thermodynamic constraints – useful for systems biology? | PS3.04 |
| 5 | Petrovic, Jelena | Germany | Accurate and reproducible heat capacity measurements from DSC | PS3.05 |
| 6 | Walter, Dirk | Germany | In vitro toxicity studies of aluminium compounds - The problem of undesirable reactions with the cell culture medium | PS3.06 |
| 7 | Blanco, Ignazio | Italy | Novel cellulose fibre/poly(vinyl)alcohol composites: a thermal study | PS3.07 |
| 8 | Esposito Corcione, Carola | Italy | Processing and characterization of biodegradable thermoplastic corn starch | PS3.08 |
| 9 | Greco, Antonio | Italy | Self-healing properties of PBT obtained by ring opening polymerization | PS3.09 |
| 10 | Moustafine, Rouslan | Russian Federation | Diclofenac-interpolyelectrolyte complexes with Eudragit® EPO/L100 as a new oral microparticulate drug delivery system | PS3.10 |
| 11 | Higashi, Eiko | Japan | Dismantlability and thermal behaviour of epoxy adhesive/inorganic salt mixtures | PS3.11 |
| 12 | Bosneaga, Iurie | Moldova | Concentration of liquid foods: a comparative study of membrane and cryoconcentration methods | PS3.12 |
| 13 | Botezat, Olga | Moldova | Thermal properties of heterometallic Fe(III)-Ln(III) carboxylate wheels and clusters | PS3.13 |
| 14 | Chisca, Diana | Moldova | The application of thermal analysis in the study of single-crystal-to-single-crystal transformation | PS3.14 |
| 15 | Chisca, Diana | Moldova | Investigation of thermal behaviour of Zn(II) malonate coordination polymers with nicotinamide-like pillars | PS3.15 |
| 16 | Cuzan, Olesia | Moldova | Thermal characterisation of copper(II) benzotriazolyl phenol complexes | PS3.16 |
| 17 | Danielescu, Olga | Moldova | Thermal study of Fe(III) complexes with 2,6-diacetylpyridine bis((iso)nicotinoylhydrazone) | PS3.17 |
| 18 | Gutanu, Vasile | Moldova | Thermal behaviour of the lanthanide compounds in the phase of strongly basic cross-linked ionic polymer | PS3.18 |
| 19 | Gutanu, Vasile | Moldova | Thermal behaviour of the immobilized thiosemicarbazone on the cross-linked ionic polymer | PS3.19 |
| 20 | Vitiu, Aliona | Moldova | Preparation, spectroscopic, TGA and X-ray study of {[Cu(bpp) ₂ (H ₂ O)](BF ₄) ₂ ·(dmf)·2(H ₂ O)} _n coordination polymer | PS3.20 |
| 21 | Voda, Irina | Moldova | Thermal analysis of new coordination polymers based on 4,4'-bis((1H-imidazol-1-yl)biphenyl, 1,2,3-benzenetricarboxylic acid or 1,3,5-tris(4-carboxyphenyl)benzene and Co(II), Ni(II), Zn(II) | PS3.21 |
| 22 | Brys, Andrzej | Poland | The influence of roasting process of the barley and rye grains on their oil quality by Pressure Differential Scanning Calorimetry and Fourier Transform Infrared Spectroscopy | PS3.22 |
| 23 | Brys, Andrzej | Poland | Evaluation of the oxidative stability of oils extracted from roasted oat and wheat grains by PDSC and FT-IR techniques | PS3.23 |
| 24 | Brys, Joanna | Poland | Evaluation of oxidative stability of human milk fat substitutes obtained from mixtures of lard and milk thistle oil using PDSC and FT-IR techniques | PS3.24 |
| 25 | Brys, Joanna | Poland | Use of PDSC and FT-IR techniques to characterise fat extracted from complete dry pet food for adult cats | PS3.25 |
| 26 | Buczowski, Adam | Poland | Spectroscopic and calorimetric studies of interactions between PAMAM G-4 type dendrimers and fludarabine monophosphate | PS3.26 |
| 27 | Drzazga, Zofia | Poland | Diversity in athlete's response to exercise in normobaric hypoxia – serum DSC study | PS3.27 |
| 28 | Gorska, Agata | Poland | The use of DSC for melting characteristics of modified milkfat and lard mixtures | PS3.28 |
| 29 | Gorska, Agata | Poland | Comparing of different saccharides with sweeteners by using thermogravimetry (TG) | PS3.29 |
| 30 | Latos, Malgorzata | Poland | DSC analysis of PLA and PHA composites containing natural antioxidant | PS3.30 |
| 31 | Latos, Malgorzata | Poland | Thermogravimetric analysis of biodegradable polyesters containing polyphenols | PS3.31 |
| 32 | Ostrowska-Ligeza, Ewa | Poland | Thermal properties of ingredients used in chocolate production by thermogravimetry (TG) | PS3.32 |
| 33 | Ostrowska-Ligeza, Ewa | Poland | Characteristics of milk and dark chocolate at various stages of production by thermogravimetry (TG) | PS3.33 |
| 34 | Pruchnik, Hanna | Poland | Application of the calorimetric and spectroscopy methods in the analysis of the protective effect of extracts from the blueberry fruit of the genus <i>Vaccinium</i> in relation to the lipid membrane | PS3.34 |
| 35 | Pruchnik, Hanna | Poland | Lipid and DNA interaction with the triorganotin dimethylaminophenylazobenzoates studied by DSC and spectroscopy methods | PS3.35 |

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|----|--------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|
| 36 | Swiderski, Grzegorz | Poland | The structures and thermogravimetric study 3d-metal complexes with pyrazine-2-carboxylic acid | PS3.36 |
| 37 | Swislocka, Renata | Poland | Spectroscopic and thermogravimetric study of copper, manganese, zinc, nickel, iron and cobalt complexes with 2,3-pyrazinecarboxylic acid | PS3.37 |
| 38 | Trebacz, Hanna | Poland | Thermodynamic analysis of collagen denaturation in saphenous vein from patients with chronic venous insufficiency | PS3.38 |
| 39 | Wesolowski, Marek | Poland | Quantitation of paracetamol and acetylsalicylic acid in drug formulations using DSC, FTIR and Raman spectroscopy | PS3.39 |
| 40 | Włodzimierz, Lewandowski | Poland | Spectroscopic (IR, Raman, UV-VIS) study and thermal analysis of copper, manganese, zinc, nickel and cobalt complexes with 4-imidazolecarboxylic acid | PS3.40 |
| 41 | Buzin, Alexander | Russian Federation | Study of chlorine-substituted <i>p</i> -xylylene polymerization using high-vacuum <i>in situ</i> DSC | PS3.41 |
| 42 | Kolker, Arkadiy | Russian Federation | Phase behaviour of some proton ionic liquids and poly(ionic liquids) | PS3.42 |
| 43 | Kolker, Arkadiy | Russian Federation | Structural and energetic characteristics of the acetamide-water complexes | PS3.43 |
| 44 | Mosyagina, Svetlana | Russian Federation | Volatile complexes of rare-earth metals and zirconium: synthesis, thermal and structural properties | PS3.44 |
| 45 | Mukhametzyanov, Timur | Russian Federation | Calorimetric study of lysozyme denaturation in glycerol at a wide range of heating rates | PS3.45 |
| 46 | Pimerzin, Andrey A | Russian Federation | Methods of thermal analysis in the evaluation of the activity of hydrogenation-dehydrogenation catalysts of the Liquid Organic Hydrogen Carriers | PS3.46 |
| 47 | Rakipov, Ilnaz | Russian Federation | Intermolecular interactions of amides with organic molecules: cooperativity effects | PS3.47 |
| 48 | Tsvetov, Nikita | Russian Federation | Excess heat capacities for the n-propanol + water mixture: new data and its application | PS3.48 |
| 49 | Tsvetov, Nikita | Russian Federation | Excess enthalpies in acetic acid-ethanol-ethyl acetate-water system | PS3.49 |
| 50 | Yagofarov, Mikhail | Russian Federation | Phase transitions thermochemistry of aromatic amines: estimation of sublimation enthalpies at 298.15 K through fusion enthalpies at the melting temperature | PS3.50 |
| 51 | Yakushev, Pavel | Russian Federation | Morphology and Thermal Analysis of Biocomposites based on Chitosan and Natural Antioxidant Enoxil | PS3.51 |
| 52 | Antonišević, Milan | United Kingdom | Screening and characterisation of phenacetin-benzamide cocrystals | PS3.52 |
| 53 | Bener, Semira | Turkey | Polystyrene/Candelilla wax electrospun fibres for oil-water separation | PS3.53 |
| 54 | Demirdögen, Ruken Esra | Turkey | Synthesis and investigation of cellulose based pyridine modified microfibers for their exploitation in antibacterial textile production | PS3.54 |
| 55 | Emen, Fatih M. | Turkey | Synthesis and investigation of the cytotoxic activities and the thermal behaviour of dichlorobis(pyridine derivatives) platinum(II) complexes | PS3.55 |
| 56 | Emen, Fatih M. | Turkey | Investigation of antibacterial activities and thermal behaviour of the microfibers containing platinum(II) complexes with pyridine derivatives | PS3.56 |
| 57 | Kilic, Derya | Turkey | Synthesis and investigation of pyridine modified biopolymer fibers for antibacterial textile production | PS3.57 |
| 58 | Kose, Dursun Ali | Turkey | Synthesis, Structural and Thermal Characterization of Acesulfamato-N,N-Diethylnicotinamid Mixed Ligand Complexes of Some Transition Metal Cations | PS3.58 |
| 59 | Yurdakul, Omer | Turkey | Non-Metal Cations(NMC's)-Polyborate Structures: Synthesis and Thermal Characterization | PS3.59 |
| 60 | Aldica, Gheorghe Virgil | Romania | Thermal analysis on GeSP linear polymer | PS3.60 |
| 61 | Badea, Mihaela Elena | Romania | Structure and thermal behaviour of cobalt acrylate-melamine co-crystal | PS3.61 |
| 62 | Badea, Mihaela Elena | Romania | Thermal, spectral and biological characterization of new complexes with imidazole derivatives | PS3.62 |
| 63 | Brebu, Mihai | Romania | TG-FTIR/MS and Py-GC/MSD analysis of spruce bark and of its structural components | PS3.63 |
| 64 | Brebu, Mihai | Romania | Effect of rosemary powder over thermal performance of composites based on polylactic acid | PS3.64 |
| 65 | Chifiriuc, Carmen M. | Romania | Thermal, spectral and antimicrobial characterisation of Cu(II) complexes with ligands bearing hydrazone moieties | PS3.65 |
| 66 | Chifiriuc, Carmen M. | Romania | Insight on thermal, spectral and antimicrobial profile of Cu(II) complexes with Schiff base ligands | PS3.66 |
| 67 | Ciobanu, Gabriela | Romania | Cerium-doped hydroxyapatite/collagen coatings on titanium implants | PS3.67 |
| 68 | Ciobanu, Gabriela | Romania | Thermal analysis of geopolymeric/zeolitic materials synthesised from power plant fly ash | PS3.68 |
| 69 | Circioban, Denisa | Romania | Thermal characterization of rivastigmine | PS3.69 |
| 70 | Cucos, Andrei | Romania | Using of TG-FTIR method for studying the thermal decomposition of some electro-insulating materials | PS3.70 |
| 71 | Demeter, Maria | Romania | Thermal and structural behavior of reduced graphene oxide – xanthan gum/poly(N-vinyl-2-pyrrolidone) hydrogels synthesized by e-beam crosslinking | PS3.71 |
| 72 | Doca, Nicolae | Romania | New cooper complex of azo compound. Synthesis and characterization | PS3.72 |
| 73 | Fierascu, Radu C. | Romania | Synthesis, characterisation and antimicrobial applications of phosphate materials based on calcium apatite scaffold | PS3.73 |
| 74 | Fierascu, Radu C. | Romania | Thermal analyses applied for the study of purification and micro-fluidization of bacterial cellulose | PS3.74 |
| 75 | Gavrilas, Simona | Romania | Influence of the ultrasound on the thermal behaviour of flax-cotton fabrics during the bioscouring treatment | PS3.75 |

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| 76 | Gheorghe, Daniela | Romania | The study of protein - mesoporous SiO ₂ nanoparticles interaction | PS3.76 |
| 77 | Gheorghe, Daniela | Romania | The Enthalpy of Formation of Cyclooctane Revisited | PS3.77 |
| 78 | Kacso, Irina | Romania | Compatibility studies of Ketoconazole-Fumaric Acid co-crystal with tablet excipients in physical mixtures | PS3.78 |
| 79 | Kacso, Irina | Romania | Thermal and structural characterization of some silica natural products | PS3.79 |
| 80 | Ledeti, Ionut | Romania | Preformulation studies for selection of excipients for cholinesterase inhibitor tacrine | PS3.80 |
| 81 | Leulescu, Marian | Romania | Thermal behaviour and physical properties of food azo dyes, biologically active. I. Tartrazine | PS3.81 |
| 82 | Leulescu, Marian | Romania | Thermal behaviour and physical properties of food azo dyes, biologically active. II. Sunset yellow | PS3.82 |
| 83 | Luca Motoc, Dana | Romania | Hybridization effects on electric properties of CF/FF and BF/FF epoxy based composites | PS3.83 |
| 84 | Olar, Rodica | Romania | Spectral, thermal and biological characterization of some new complexes with a Schiff base bearing triazolo moiety as potential antimicrobial species | PS3.84 |
| 85 | Olar, Rodica | Romania | Thermal behaviour of some biological active perchlorate complexes with a triazolopyrimidine derivative | PS3.85 |
| 86 | Ozdemir, Nalan | Turkey | Thermal Properties of Protein-Inorganic Hybrid Nanoflowers | PS3.86 |
| 87 | Reiss, Aurora | Romania | New mixed-ligand Co(II) and Ni(II) complexes with enrofloxacin: synthesis, spectral and thermal behaviour | PS3.87 |
| 88 | Rosu, Liliana | Romania | Effect of thermal aging on the optical properties of poly(ester urethane) elastomers | PS3.88 |
| 89 | Rosu, Liliana | Romania | Thermal behaviour of some composites based on wood and natural and synthetic epoxy derivatives designed as wood protection coatings | PS3.89 |
| 90 | Sofronia, Ancuta M. | Romania | Thermal characterization of the pure thiourea derivatives | PS3.90 |
| 91 | Teodorescu, Mariana | Romania | Supramolecular host – guest interaction of anthracene and phenanthrene with cyclodextrin macrocycles: thermodynamic and structural studies | PS3.91 |
| 92 | Uivarosi, Valentina | Romania | Thermal and spectral studies of Al(III), Ga(III), In(III) complexes with 5-hydroxyflavone | PS3.92 |
| 93 | Uivarosi, Valentina | Romania | Thermal behaviour of some new lanthanide (III) complexes with 5-hydroxyflavone and 1,10-phenantroline with antitumor activity | PS3.93 |
| 94 | Vasile, Cornelia | Romania | Thermal properties of some hydrogels | PS3.94 |
| 95 | Vasile, Cornelia | Romania | Thermal behaviour of the some PLA/CS biocomposites after soil burial degradation | PS3.95 |
| 96 | Vlase, Gabriela | Romania | Thermal behaviour of entacapone, a catechol-O-methyltransferase inhibitor used in Parkinson's disease | PS3.96 |
| 97 | Vlase, Gabriela | Romania | Solid state characterization of human gallstones | PS3.97 |
| 98 | Vlase, Titus | Romania | An investigation into the crystal formation and thermal induced processes of dimethylethanolammonium 4-nitrobenzoate | PS3.98 |
| 99 | Vlase, Titus | Romania | Synthesis, structural characterization, thermal studies, and corrosion inhibitor properties of ethylethanolammonium 4-nitrobenzoate organic salt | PS3.99 |
| 100 | Zaltariov, Mirela F. | Romania | Structural and thermal analyses of HPMC-based PAA or SA bioadhesive formulations containing fluconazole/anise loaded-β-cyclodextrin inclusion complexes | PS3.100 |
| 101 | Zhao, Y. | China | Mouse IP-10 gene delivered by folate-modified chitosan nanoparticles and dendritic/tumour cells fusion vaccine effectively inhibit the growth of hepato-cellular carcinoma in mice: a future thermal study | PS3.101 |
| 102 | Yegorova, Alevtina | Russian Federation | Synthesis and thermal analysis of novel Cu(II) complex with hetarylhydrazenylfuran-2(3 <i>H</i>)-one | PS3.102 |
| 103 | Bojan, Mihaela | Romania | Spectroscopic and microscopic investigation of azoic food dyes | PS3.103 |
| 104 | Ullah, Sana | Hong Kong | Thermal analyses on the effects of additions of two-dimensional C ₃ N ₄ on phase transitions in ferroelectric copolymers | PS3.104 |
| 105 | Mammadova, Humay | Azerbaijan | Thermographic studies of non-valent metal compounds Co (II) and Ni (II) with terephthalic acid | PS3.105 |
| 106 | Mammadova, Humay | Azerbaijan | Thermographic studies of supramolecular compounds of metals with metabolites | PS3.106 |