

Tuesday, 20 th of July		Wednesday, 21 st of July				Thursday, 22 nd of July				Friday, 23 rd of July						
8 ³⁰ -13 ³⁰	Short Summer School on TA&C	9 ⁰⁰ -9 ³⁰	IL01		IL02		9 ⁰⁰ -9 ³⁰	IL05		IL06		9 ⁰⁰ -9 ³⁰	IL07		IL08	
		9 ³⁰ -11 ²⁰	Poster session 1 Coffee break				9 ³⁰ -11 ²⁰	Poster session 2 Coffee break				9 ³⁰ -11 ²⁰	Poster session 3 Coffee break			
		11 ²⁰ -11 ⁴⁰	OP1.01	OP2.01	OP3.01	OP4.01	11 ²⁰ -11 ⁴⁰	OP1.09	OP2.09	OP3.09	OP4.09	11 ²⁰ -11 ⁴⁰	OP1.13	OP2.13	OP3.13	OP4.13
		11 ⁴⁰ -12 ⁰⁰	OP1.02	OP2.02	OP3.02	OP4.02	11 ⁴⁰ -12 ⁰⁰	OP1.10	OP2.10	OP3.10	OP4.10	11 ⁴⁰ -12 ⁰⁰	OP1.14	OP2.14	OP3.14	OP4.14
		12 ⁰⁰ -12 ²⁰	OP1.03	OP2.03	OP3.03	OP4.03	12 ⁰⁰ -12 ²⁰	OP1.11	OP2.11	OP3.11	OP4.11	12 ⁰⁰ -12 ²⁰	OP1.15	OP2.15	OP3.15	OP4.15
		12 ²⁰ -12 ⁴⁰	OP1.04	OP2.04	OP3.04	OP4.04	12 ²⁰ -12 ⁴⁰	OP1.12	OP2.12	OP3.12	OP4.12	12 ²⁰ -12 ⁴⁰	OP1.16	OP2.16	OP3.16	OP4.16
		12 ⁴⁰ -13 ¹⁰	CCTAC1				12 ⁴⁰ -13 ¹⁰	CCTAC1				12 ⁵⁰ -13 ³⁰	Nina Obradovic, PL4			
13 ³⁰ -14 ³⁰	Lunch	Lunch				13 ³⁰ -14 ³⁰	Lunch				13 ³⁰ -14 ⁴⁰	Lunch				
14 ³⁰ -16 ³⁰	Short Summer School on TA&C	14 ³⁰ -14 ⁴⁰	CEEC-TAC6 & Medicta2021				14 ³⁰ -14 ⁴⁰	CEEC-TAC6 & Medicta2021				14 ⁴⁰ -14 ⁵⁰	CEEC-TAC7 / Medicta2023			
		14 ⁴⁰ -15 ²⁰	Thomas Maskow, PL2				14 ⁴⁰ -15 ²⁰	Daniele Cangialosi, PL3				15 ⁰⁰ -15 ³⁰	IL09		IL10	
		15 ³⁰ -16 ⁰⁰	IL03		IL04		15 ²⁰ -20 ⁰⁰	Afternoon break				15 ³⁰ -18 ⁰⁰	Afternoon break			
16 ¹⁰ -16 ³⁰	OP1.05	OP2.05	OP3.05	OP4.05												
16 ³⁰ -16 ⁵⁰	OP1.06	OP2.06	OP3.06	OP4.06												
16 ⁵⁰ -17 ¹⁰	OP1.07	OP2.07	OP3.07	OP4.07												
16 ³⁰ -18 ³⁰	Afternoon break	17 ¹⁰ -17 ³⁰	OP1.08	OP2.08	OP3.08	OP4.08	Afternoon break				Afternoon break					
18 ³⁰ -19 ²⁰	Opening Ceremony	17 ³⁰ -17 ⁵⁰	Coffee break													
		17 ⁵⁰ -19 ⁰⁰	CEEC-TAC General Assembly													
19 ²⁰ -20 ⁰⁰	Herbert Danninger, PL1	17 ⁵⁰ -19 ⁰⁰	Medicta General Assembly				Conference Dinner				Old-City Tour					
20 ⁰⁰ -22 ³⁰	Welcome Cocktail	Free evening				20 ⁰⁰ -24 ⁰⁰										
1. Room A at KTF (A0-2, Level 0)						Saturday, 24 th of July										
2. Room B at KTF (A0-1, Level 0)						9 ⁰⁰ -10 ³⁰		KTF Tour								
3. Room C at KTF (A0-3, Level 0)						10 ³⁰		Closing Ceremony								
4. Room D at KTF (A1-2, Level 1)						Program of CEEC-TAC6 & Medicta2021 20-24 July 2021 Split, Croatia										
5. Room E at FESB, next to KTF (main amphitheatre)																
6. Coffee Break and Poster Session area at KTF																
7. Canteen at the Student Service																
1-7: Sveuciliste u Splitu, Kemijsko-Tehnoloski Fakultet, Rudera Boskovicica 35, Split																
8. Gusar Restaurant (Restoran Gusar)																
8: Spinutska 69, Split																
9. Split City Centre – Diocletian Palace																

Plenary, Award Plenary, Invited & Technical Lectures				
No	Name	Country	Abstract title	Code
Plenary Lectures				
1	Danninger, Herbert	Austria	Thermoanalytical techniques for characterizing sintering processes in ferrous powder metallurgy	PL1
2	Maskow, Thomas	Germany	The potential of biological calorimetry from the perspective of a bioengineer	PL2
3	Cangialosi, Daniele	Spain	Non-equilibrium glass dynamics by advanced calorimetry	PL3
4	Obradovic, Nina	Serbia	Influence of BaTiO ₃ /Fe ₂ O ₃ addition on crystallization and polymorphism of PDVF polymer matrix followed by DSC-TG	PL4
Invited Lectures				
1	Risoluti, Roberta	Italy	Innovative coupled approaches in thermal analysis investigations	IL01
2	Cerc Korosec, Romana	Slovenia	Thermal analysis of thin films – an important aspect in preparation of functional layers	IL02
3	Farjas, Jordi	Spain	Non-standard kinetic analysis of polymer crystallization and liquid evaporation	IL03
4	Maaten, Birgit	Estonia	Investigation of the influence of end-temperature on the fast pyrolysis process of oil shale and on the properties of its products	IL04
5	Favergeon, Loic	France	The role of water vapour pressure during thermal decomposition of crystalline solids: its influence on both the reaction course and its kinetics	IL05
6	Zelenina, Ludmila N.	Russian Federation	Thermodynamic study of water evaporation processes from α -, β - and γ -cyclodextrin hydrates	IL06
7	Kurajica, Stanislav	Croatia	Thermal evolution of gels prepared by modification of aluminum sec-butoxide with ethyl acetoacetate intended for use as ceria catalyst carriers	IL07
8	Mukhametzyanov, Timur	Russian Federation	When the two-state model of protein unfolding breaks?	IL08
9	Ion, Rodica-Mariana	Romania	Chemical and thermal analysis for architectural heritage materials	IL09
10	Ribeiro da Silva, Maria das Dores M. C.	Portugal	Insight on some recent energy-structure-stability studies of organic compounds: a thermochemical approach	IL10

Oral Presentations 1. Theory & Methods, Kinetics & Catalysis, Fuels & Biofuels, Energetics and Applied Thermal Engineering				
No	Name	Country	Abstract title	Code
1	Mahendra, Arunjunai Raj	Austria	Model free kinetic studies of the curing behaviour of bio-based epoxy and acrylate resins	OP1.01
2	Pouranick, Prakhar	Belgium	Thermal degradation kinetics of polyurethanes and their analysis by model free kinetics and kinetic modelling	OP1.02
3	Shlyapnikov, Igor	Slovenia	Quasi-isothermal modulated DSC for characterising sulphur vulcanisation systems	OP1.03
4	Kremer, Irma	Croatia	Thermogravimetric and kinetic analysis of plastic food packaging	OP1.04
5	Coletti, Marco	Italy	Kinetic Analysis of Thermal Decomposition – A comparison of Standard vs. MTGA models on Marbles	OP1.05
6	Topalovic Pitesa, Ines	Croatia	NETZSCH – Proven Excellence	OP1.06
7	Voncina, Maja	Slovenia	Study of material quality using thermal analysis methods	OP1.07
8	Kryeziu, Arjeta	Czech Republic	Effect of NaOH on cellulose pyrolysis kinetics	OP1.08
9	Slovak, Vaclav	Czech Republic	Kinetics from one TG measurement with combined temperature program	OP1.09
10	Mihoci, Marijana	Croatia	Jasika company – Laboratory solution	OP1.10
11	Morawiec, Mateusz	Poland	Effect of Mn on the chemical driving force and bainite transformation kinetics in medium-manganese alloys	OP1.11
12	Skowronek, Adam	Poland	Bainitic transformation kinetics in single and double isothermal treatments of medium-Mn steels	OP1.12
13	Stoporev, Andrey	Russian Federation	Initial stage of gas and ionic clathrate hydrates formation: Primary and secondary nucleation, formation of metastable phases and their recrystallization	OP1.13
14	Simon, Peter	Slovakia	Kinetic parameters in the general rate equation	OP1.14
15	Perez Maqueda, Luis A.	Spain	High temperature thermochemical energy storage (TES) for concentrated solar power plants (CSP)	OP1.15
16	Rat, Eusebiu	Spain	Characterization, thermal and ceramic properties of clays from Alhabia (Almería – Spain)	OP1.16

Oral Presentations 2. Thermodynamics, Thermochemistry & Calorimetry and Thin Films & Nanomaterials

No	Name	Country	Abstract title	Code
1	Ivkovic, Ivana Katarina	Croatia	Mechanochemical synthesis of manganese doped ceria nanoparticle	OP2.01
2	Muzina, Katarina	Croatia	Thermal stability study of hydrothermally-derived copper-doped cerium (IV) oxide nanoparticles	OP2.02
3	Sanchez Tobon, Camilo	Croatia	N/TiO ₂ nanocomposites: nitrogen effect on the material properties	OP2.03
4	Visic, Lucija	Croatia	Comparison of amine and sulphide layer-by-layer synthetic route for preparing of the photovoltaic CdSe quantum dots thin-films	OP2.04
5	Komarkova, Bara	Czech Republic	Tailoring TiO ₂ properties by synthesis conditions and annealing	OP2.05
6	Korena, Lucie	Czech Republic	The effect of porosity and particle size on the kinetics of carbon surface oxidation	OP2.06
7	Zelenkova, Gabriela	Czech Republic	Thermoporometry: the effect of the carbon surface chemistry on the amount of non-freezable water	OP2.07
8	Zelenka, Tomas	Czech Republic	Thermoporometry of carbons: Is a delta layer really constant?	OP2.08
9	Topfer, Jorg	Germany	Thermoanalytic characterization of binder burnout and sintering of lead-free piezoelectric KNNLT multilayer laminates with Ni electrodes	OP2.09
10	Marczak, Wojciech	Poland	Are the heat capacities of liquids calculated from pVT equations of state and speeds of sound reliable?	OP2.10
11	Zherikova, Kseniya	Russian Federation	Metal-organic sources of functional film materials: thermodynamics and structure-property relationships	OP2.11
12	Davalos, Juan Z	Spain	Thermochemical properties of Sulfur-containing Compounds with Influence on Atmospheric Chemistry	OP2.12
13	Kuryakov, Vladimir	Russian Federation	Optical and DSC methods for phase behaviour study of petroleum paraffins. Features and advantages	OP2.13
14	Vucetic, Snezana	Serbia	Roman Danube limes mortars - thermal characteristics and identification of production technology	OP2.14
15	Vykydalova, Anna	Slovakia	The effect of hollow glass microspheres on oxidative degradation of Poly(ϵ -caprolactone)	OP2.15
16	Celan Korosin, Natasa	Slovenia	The advanced study of thermal degradation of intumescent coatings with TGA-IST16-GC/MS technique	OP2.16

Oral Presentations 3. Polymers, Bio(macro)molecules & Biocomposites, Life science and Organic & Functional complex compounds

No	Name	Country	Abstract title	Code
1	Van Assche, Guy	Belgium	Development and characterization of lignin-based self-healing bio-aromatic networks	OP3.01
2	Verhelle, Robrecht	Belgium	Modelling rheology of reacting polyurethanes	OP3.02
3	Ekawa, Bruno	Brazil	Characterization and thermoanalytical study of novel valsartan coamorphous systems	OP3.03
4	Koduru, Hari Krishna	Bulgaria	Thermal and Mg – ion conductivity properties of PEO/PVP-I blended polymer electrolyte membranes	OP3.04
5	Pozar, Josip	Croatia	Alkali-metal cation coordination to calix[4]arenes containing triazole functionalities	OP3.05
6	Radovanovic Peric, Floren	Croatia	Addressing of different synthetic and shaping approaches for preparing β -TCP-based substrates for biomineralisation of HAP	OP3.06
7	Fojt, Jakub	Czech Republic	Comparison of the effects of biodegradable and conventional polyester-based microplastics on soil abiotic processes	OP3.07
8	Kinnertova, Eva	Czech Republic	Resorcinol-formaldehyde condensation – DSC study	OP3.08
9	Kucerik, Jiri	Czech Republic	Using of DSC for identification of polyethylene terephthalate (PET) waste of various origin and composition for physical recycling	OP3.09
10	Maskow, Thomas	Germany	Micro(bio-)calorimetry - An early warning tool for the detection of microbial contaminations in drinking water	OP3.10
11	Linder, Lukasz	Poland	Thermal methods for estimating the stabilization effect of heterocycles in biopolymer matrix	OP3.11
12	Maslowski, Marcin	Poland	Modified cereal straw - a novel, functional additives for elastomer biocomposites	OP3.12
13	Miedzianowska, Justyna	Poland	Modified biomass as a filler for rubber biocomposites	OP3.13
14	Szadkowski, Boleslaw	Poland	Alizarin/vermiculite hybrid pigment as promising multifunctional colorant for elastomer composites with improved performance	OP3.14
15	Varganici, Cristian	Romania	Epoxy-based S-IPNs as eco-friendly flame retardants	OP3.15
16	Chavhan, Madhav	Czech Republic	Effect of thermal treatments on the performance of carbon xerogels in an electrochemical capacitor	OP3.16

Oral Presentations 4. Materials: Functional Materials, Ceramics, Metals & Alloys, Cements, Glasses and Composites				
No	Name	Country	Abstract title	Code
1	Mandic, Vilko	Croatia	Breakdown of the anodized nanostructured anatase for photovoltaic devices: the effect of electrolyte composition on preparation of large surfaces of nanotubes	OP4.01
2	Bartak, Jaroslav	Czech Republic	Surface mobility in chalcogenide glass-forming materials	OP4.02
3	Panzic, Ivana	Croatia	Development of nanostructured transparent electrodes for solar cells based on aluminium doped zincite	OP4.03
4	Matejka, Lukas	Czech Republic	The effects of thiocyanates on hydration and properties of zinc containing Portland cement	OP4.04
5	Siler, Pavel	Czech Republic	Application of isothermal and isoperibolic calorimetry to assess the effect of zinc on hydration of cement blended with fluidized bed combustion ash	OP4.05
6	Tiliakos, Athanasios	Romania	Ionic conductivity and dielectric relaxation of NASICON superionic conductors at the cryogenic threshold	OP4.06
7	Dambrauskas, Tadas	Lithuania	The influence of copper ions on the formation, thermal stability and porosity of dibasic calcium silicate hydrates	OP4.07
8	Kanabikaite, Inga	Lithuania	The thermal stability of synthetic dibasic CSH with substituted Cr ³⁺ ions	OP4.08
9	Sarapajevaite, Gabriele	Lithuania	Thermal stability of hydrothermally synthetic covellite in 0-650 °C temperature range	OP4.09
10	Siauciunas, Raimundas	Lithuania	Parameter influence on kilchoanite synthesis and its application for CO ₂ hardening concrete	OP4.10
11	Bednarska, Dalia	Poland	Formation of ice within cement-based materials during the first 28 days of hydration	OP4.11
12	Kozłowska, Aleksandra	Poland	Monitoring the phase transitions in intercritically annealed multiphase 5Mn alloy using in situ high-temperature X-ray diffraction	OP4.12
13	Migas, Damian	Poland	Thermal analysis of intermetallic phases formed in Co-Al and Ni-Al based superalloys doped with Y	OP4.13
14	Zvereva, Irina	Russian Federation	Synthesis and thermal study of hybrid organic-inorganic ceramics based on layered perovskite-like niobate K ₂ Sr ₂ Nb ₃ O ₁₀	OP4.14
15	Jiang, Lin	China	A critical assessment of the fire properties of different wood species and bark from small and bench scale fire experiments	OP4.15
16	Lungu, Iulia	Romania	Thermal durability of γ -Fe ₂ O ₃ nanoparticles produced by laser pyrolysis	OP4.16

Poster Session 1.				
No	Name	Country	Abstract title	Code
1	Roedolf, Daniel	Belgium	Dynamic Mechanical Analysis for Polymer Characterization: from Thin Films to Stiff Composites	PS1.001
2	Verdonk, Els	Belgium	Characterization of Bitumen by MDSC® and Hi-Res™ TGA	PS1.002
3	Ekawa, Bruno	Brazil	Thermoanalytical study of Norfloxacin and Pyrazinoic Acid cocrystal	PS1.003
4	Dimowa, Louiza	Bulgaria	Thermal decomposition of Cd ion exchanged clinoptilolite	PS1.004
5	Dimowa, Louiza	Bulgaria	Thermal characteristics of clinoptilolite from Bulgarian deposits	PS1.005
6	Koduru, Hari Krishna	Bulgaria	Thermal properties of nanocomposite of liquid crystalline SB(3R)-11 molecules and carbon nanotubes	PS1.006
7	Shivachev, Boris	Bulgaria	Investigation on the variation of the surface and structure properties of polished GaN and AlN single crystals after femtosecond laser irradiation	PS1.007
8	Shivachev, Boris	Bulgaria	Effects of natural zeolite additive on the thermal and crystal-chemical properties of white cement mortars	PS1.008
9	Ackar, Petra	Croatia	Stability of waste oil in water emulsions in dependence on temperature	PS1.009
10	Babic, Marko	Croatia	Thermal characterization of waste oil in water emulsions	PS1.010
11	Blazic, Roko	Croatia	Glass transition temperature of cellulose acetate mixture and poly(dimethylaminoethyl methacrylate-co-methyl methacrylate)	PS1.011
12	Borko, Valentina	Croatia	Influence of sialylation on the thermodynamic parameters for the binding of ferric ion to human serum transferrin	PS1.012
13	Brusac, Edvin	Croatia	Thermoanalytical approach to physicochemical compatibility evaluation of 5-aminosalicylates and folic acid	PS1.013
14	Curkovic, Lidija	Croatia	The effect of waste coffee ground on the porosity and structure of slip cast alumina ceramics	PS1.014
15	Curkovic, Lidija	Croatia	Optimization of corrosion resistance of high purity alumina ceramics in nitric acid	PS1.015
16	Dominko, Damir	Croatia	Heat capacity of the Cu ₅₅ Hf _{45-x} Ti _x metallic glasses	PS1.016
17	Gotovusa, Mia	Croatia	Low temperature properties of propyl, butyl and octyl based biodiesels and corresponding biodiesel-diesel blends	PS1.017
18	Jakic, Mice	Croatia	Effect of magnesium hydroxide addition on the mechanism of thermal degradation of poly(ethylene oxide)	PS1.018
19	Kerep, Robert	Croatia	A thermodynamic characterization on the binding of oral chemotherapeutic drug imatinib to human α 1-acid glycoprotein using isothermal titration calorimetry	PS1.019
20	Kisicek, Virna	Croatia	Thermal and magnetic properties of M-type hexaferrites	PS1.020
21	Kresic, Irena	Croatia	Poly(ethylene oxide)-lithium bis(oxalato)borate based nanocomposite polymer electrolytes	PS1.021
22	Mandic, Vilko	Croatia	Thermal stability and utilisation of 1D-nanostructured Co ₃ O ₄ rods derived by simple solvothermal processing	PS1.022
23	Medic, Mihovil	Croatia	Influence of molar mass and styrene on thermal stability and phase transitions of methacrylate based polymer additives for lubricating oils	PS1.023
24	Nedic Tiban, Nela	Croatia	Adulteration of monofloral honey with fructose syrup and possibility of detection by differential scanning calorimetry	PS1.024
25	Panzic, Ivana	Croatia	The role of thermal processing for achieving homogeneity of magnetron sputtered AZO films	PS1.025
26	Perinovic Jozic, Sanja	Croatia	Thermal properties of PEO/NaAlg blend film complexed with LiBOB	PS1.026
27	Pucko, Ivan	Croatia	Thermal properties of different poly(alkylmethacrylate) additives and their influence on low temperature properties of mineral diesel fuel	PS1.027
28	Radovanovic Peric, Floren	Croatia	Reactive spark ablation deposition and subsequent thermal conversion of copper oxide porous thin-films	PS1.028
29	Rebrovic, Lucija	Croatia	Influence of molar mass and styrene on thermal stability and phase transitions of methacrylate based polymer additives for lubricating oils	PS1.029
30	Seba, Tino	Croatia	Determination of human α -1-acid glycoprotein–drug binding constants using microscale thermophoresis	PS1.030
31	Susac, Kristina	Croatia	Development of polymer nanocomposites with enhanced thermal conductivity	PS1.031
32	Vidovic, Elvira	Croatia	Synthesis and characterization of cellulose/PDMAEMA copolymers and nanocomposites with SiO ₂	PS1.032
33	Visic, Lucija	Croatia	Porous SnO ₂ -modified cellulose photocatalysts derived by non-hydrolytic sol-gel freeze-drying	PS1.033
34	Freitas, Vera LS	Portugal	Thermodynamic Properties of Two Maleic Anhydride Derivatives: Experimental and Computational Approaches	PS1.034

35	Jiang, Lin	China	Characterisation of the fire behaviour of wood: From pyrolysis to fire retardant mechanisms	PS1.035
36	Danilova-Tretiak, Svetlana	Belarus	Low-temperature DSC for investigation of hyaluronic acid interaction with collagen-containing materials	PS1.036
37	Danilova-Tretiak, Svetlana	Belarus	Thermophysical behavior features of water structured into fibrillar collagen of hyaluronic acid treated tendons	PS1.037

Poster Session 2.				
No	Name	Country	Abstract title	Code
1	Birgauanu, Iuliana	Romania	Influence of temperature and composition on excess thermodynamic properties. Statistical processing of experimental data using the MLR method	PS2.001
2	Bojan, Mihaela	Romania	Optical characterization of some common polymers and metal nanoparticles dispersion	PS2.002
3	Carabet, Carla Alice	Romania	Thermal, optical, spectral, adhesive and biological properties of some ethers with chlorine, with two azo groups, of the anthracene	PS2.003
4	Rapa, Maria	Romania	Exploring of thermal properties of plant-polymeric films for medical applications	PS2.004
5	Rapa, Maria	Romania	Thermal properties of electrospun bio-based polymers for food packaging applications	PS2.005
6	Rosu, Liliana	Romania	Non-isothermal degradation kinetic study of new multicomponent polymer systems for flame retardant coatings	PS2.006
7	Rosu, Liliana	Romania	Thermal characterization of bio-based epoxy resins crosslinked with curing agents from raw renewable resources	PS2.007
8	Sarbu, Daniela	Romania	Thermal, morphological and rheological properties of the MRF122 magnetorheological fluid	PS2.008
9	Sarbu, Daniela	Romania	Thermal, morphological and rheological properties of the energized MRF122 magnetorheological fluid	PS2.009
10	Trifoi, Ancuta	Romania	Core-shell structured Fe ₃ O ₄ @SiO ₂ @OSO ₃ H magnetically recoverable nanocatalyst for the synthesis of glycerol acetals	PS2.010
11	Trifoi, Ancuta	Romania	Preparation of Fe ₃ O ₄ /PVA magnetic nanofibers via electrospinning composite processing	PS2.011
12	Tutunaru, Bogdan	Romania	Thermal decomposition of some chemotherapeutic drugs as gemcitabine and paclitaxel	PS2.012
13	Tutunaru, Bogdan	Romania	Study on thermal and electrochemical stability of Captan fungicide	PS2.013
14	Varganici, Cristian	Romania	Thermal behaviour and fungal protection of composites based on wood and natural and synthetic epoxy resins cured with a rosin acid derivative	PS2.014
15	Malyshkin, Dmitrii	Russian Federation	Investigation of hydration thermodynamics by differential scanning calorimetry	PS2.015
16	Nikolaev, Evgenii	Russian Federation	Thermal analysis of Co-Zn ferrite synthesis from milled powders	PS2.016
17	Nikolaev, Evgenii	Russian Federation	Investigation of interactions in the mechanically activated Fe ₂ O ₃ -Li ₂ CO ₃ reagents by thermal analysis	PS2.017
18	Nikolaeva, Svetlana	Russian Federation	Thermal analysis of sintering Li-Ti-Zn ferrite from mechanically activated powders	PS2.018
19	Nikolaeva, Svetlana	Russian Federation	Thermal analysis of the lithium ferrite formation from Sm ₂ O ₃ /Fe ₂ O ₃ /Li ₂ CO ₃ precursors	PS2.019
20	Sereda, Vladimir	Russian Federation	Defect structure and thermodynamics of RBaCo ₂ O _{6-δ} (R = Sm, Eu) double perovskites	PS2.020
21	Zelenina, Ludmila N.	Russian Federation	Thermodynamic investigation of Te(IV) polybromides	PS2.021
22	Mentus, Slavko	Serbia	A thermogravimetric and DFT study of silver molybdate reduction by hydrogen	PS2.022
23	Mentus, Slavko	Serbia	Thermal stability and antimicrobial properties of pure and modified pyrophyllite (PYRO/Ag) clay	PS2.023
24	Vucetic, Snezana	Serbia	Thermal characterisation and valorisation of cement kiln dust for production of traditional ceramic materials	PS2.024
25	Chromcikova, Maria	Slovakia	Study of bioactive glasses doped with Li ₂ O by thermal methods	PS2.025
26	Hruska, Branislav	Slovakia	Thermodynamic model and identification of the surface-active components of barium crystal glass	PS2.026
27	Medved, Igor	Slovakia	Relation of the phase change temperature of polycrystalline PCMs to the profile of heat capacity peaks	PS2.027
28	Nowicka, Aleksandra	Slovakia	Effect of the powder processing methods on the densification behaviour, grain growth and mechanical properties of zirconia toughened alumina	PS2.028
29	Pagacova, Jana	Slovakia	Study of thermal properties of nanocomposite inorganic-organic xerogels based on TEOS and OTES precursors	PS2.029
30	Papucova, Iveta	Slovakia	Using biopolymers as a fillers in polymer blends	PS2.030
31	Papucova, Iveta	Slovakia	Structural and thermal properties of elastomeric blends filled with modified cellulose	PS2.031
32	Pnova, Anna	Slovakia	Thermal behaviour and photoluminescence properties of Er ³⁺ doped ytterbium-aluminate glasses	PS2.032
33	Pnova, Anna	Slovakia	Crystallization kinetics of Bi-doped 2CaO-Al ₂ O ₃ -SiO ₂ glasses	PS2.033
34	Trnik, Anton	Slovakia	The crystallization of anorthite in a system of illite/smectite and CaCO ₃ mixture	PS2.034

35	Rotaru, Andrei	Romania	Prehistoric ceramics: analysis of late Neolithic / Eneolithic pottery and clay samples from the Foeni Tell-Orthodox Cemetery (Timis County, Romania) using complementary techniques	PS2.035
36	Rotaru, Andrei	Romania	Chemical and thermal analysis for different waste substrates – comparative scenario analysis	PS2.036
37	Marin, Laurentiu	Romania	Verification of the increase of the thermal stability of a polyurethane matrix as a result of its nanomodification with a layered silicate by performing thermogravimetric analyzes	PS2.037

Poster Session 3.				
No	Name	Country	Abstract title	Code
1	Fojt, Jakub	Czech Republic	Effects of two size fractions of platinum nanoparticles on properties of soil organic matter	PS3.001
2	Kucerik, Jiri	Czech Republic	TG study on the influence of PET and tyre-based microplastics on soil properties	PS3.002
3	Paschke, Thomas	Germany	Application of High Pressure Thermogravimetry as a perfect tool to study catalyst performance	PS3.003
4	Fortunato, Marco	Italy	How to transform a waste material into a resource: the thermal evolution of spent LDHs (layered doubled hydroxides) after the absorption of Cr (VI)	PS3.004
5	Dal Poggetto, Giovanni	Italy	Sol-Gel synthesis, thermal, spectroscopic and morphological characterization of bioactive titania	PS3.005
6	Leonelli, Cristina	Italy	A TGA/DTA/EGA study on the thermal degradation of an intermediate compound of TiO ₂ nanopowders production	PS3.006
7	Parisi, Filippo	Italy	Clay nanoparticles as pharmaceutical carriers to enhance anticancer treatments	PS3.007
8	Sciascia, Luciana	Italy	Synthesis and characterization of Carbon Fiber Precursors coupled to a chemical oscillator	PS3.008
9	Pudule, Aiga Anna	Latvia	A greener path by hydrothermally processing apatite	PS3.009
10	Baltakys, Kestutis	Lithuania	The effect of mechanochemical treatment on the structure of silica gel waste	PS3.010
11	Eisinas, Anatolijus	Lithuania	The effect of Cu ²⁺ ions concentration on the adsorption capacity of synthetic mayenite and its thermal stability	PS3.011
12	Eisinas, Anatolijus	Lithuania	The effect of synthetic katoite additive on the hydration of calcium aluminate cement	PS3.012
13	Robinaite, Dovile	Lithuania	Thermal stability of synthetic kuzelite in the temperature range of 30-1250 °C	PS3.013
14	Petuhov, Oleg	Moldova	Thermal and adsorption study of hydrothermal charcoals obtained from agricultural residues	PS3.014
15	Petuhov, Oleg	Moldova	Thermal behaviour of Mn(II) mono- and trinuclear coordination compounds based on 2,6-diacetylpyridine and isonicotinic acid hydrazide	PS3.015
16	Berezicka, Anna	Poland	Effect of MgO and CaO addition on the silicate-phosphate glasses forming ability	PS3.016
17	Kuczek, Justyna	Poland	Thermal and structural investigations on P ₂ O ₅ -SiO ₂ -K ₂ O-MgO-CaO-Co ₂ O ₃ glass crystalline materials	PS3.017
18	Kuczek, Justyna	Poland	Thermal and spectroscopic studies of multicomponent glasses from P ₂ O ₅ -SiO ₂ -K ₂ O-MgO-CaO-Co ₂ O ₃ system	PS3.018
19	Maslowski, Marcin	Poland	Common Nettle (<i>Urtica dioica</i> L.) as an Essential Filler of Natural Rubber Biocomposites	PS3.019
20	Miedzianowska, Justyna	Poland	The straw-clay fillers applied in elastomer composites	PS3.020
21	Migas, Damian	Poland	Influence of alloying elements on thermal properties of polycrystalline γ' strengthened Co-Al-W superalloys	PS3.021
22	Moneta, Marek	Poland	Temperature dependence of structural and magnetic transformations in Finemet amorphous alloy with Fe substituted for La	PS3.022
23	Rybinski, Przemyslaw	Poland	Influence of carbon and basalt fillers on thermal, mechanical and fire hazard of EPDM rubber composites	PS3.023
24	Sulowska, Justyna	Poland	Compositional effects on the interactions between structural elements in sulfur-bearing silicate-phosphate glasses	PS3.024
25	Szadkowski, Boleslaw	Poland	Stabilization of natural dyes onto vermiculite mineral – hybrid pigments with improved performance	PS3.025
26	Davies, Philip	United Kingdom	DSC Microscope Accessory - Visual Observation of Material Transitions Combined with the Enthalpy Data	PS3.026
27	Perez Maqueda, Luis A.	Spain	New synthesis strategy of BiFeO ₃ -BaTiO ₃ electroceramics for high temperature applications	PS3.027
28	Rat, Eusebiu	Spain	Thermal behaviour of raw clay materials containing muscovite (illite/sericite), kaolinite and pyrophyllite: analysis of vitrification rate and estimation of optimum firing conditions	PS3.028
29	Tobar, Jose Luis	Spain	Thermophysical study of mixtures bentonite + <i>Nannochloropsis sp</i> + sea water and distilled water for cosmetic uses	PS3.029
30	Tsiarta, Nikoletta	Spain	Structural characterization of sol-gel TiO ₂ and CeO ₂ coated ceramics membranes	PS3.030
31	Liu, Yi-Hsuan	Taiwan	Thermal and rheological properties of dietary fiber from mushroom <i>Flammulina velutipes</i> via autoclaving associated with enzyme treatment	PS3.031

32	Sun, Wen-Jhen	Taiwan	Antioxidant effects of peanut skin extracts for button mushrooms and sacha inchi oil via isothermal calorimetry	PS3.032
33	Balasko, Tilen	Slovenia	Thermogravimetric analysis of the high-temperature oxidation behaviour of three hot-work tool steels	PS3.033
34	Voncina, Maja	Slovenia	Enthalpy balance of process path of the sheet production from EN AW 5182 aluminium alloy	PS3.034
35	Mato, Marta	Spain	Study on the antibacterial effect of silver nitrate on the growth of <i>Pseudomonas aeruginosa</i>	PS3.035
36	Harabor, Ana	Romania	Thermal, structural and superconducting properties of YBCO-123 & Ag (small percentage) system	PS3.036
37	Harabor, Ana	Romania	Irreversibility line of bulk $\text{Bi}_{1.8}\text{Pb}_{0.3}\text{Sr}_2\text{Ca}_2(\text{Cu}_{1-x}\text{Ni}_x)_{3.3}\text{O}_y$ system for $x=0.000, 0.002, \text{ and } 0.005$. Thermal and structural properties	PS3.037
38	Erceg, Matko	Croatia	Kinetics of thermal decomposition of some 4-phenyldiazenyl-4'-[(4-chlorobenzyl)oxy]biphenyls	PS3.038