1	Shu-Yao	Tsai	TAIWAN		Soy whey as a medium for enhanced bacterial cellulose production and microcalorimetric analysis of its effects on lactic acid bacteria	T01 Bio sciences, including food, soil, textile, woo
3	Julián E. Joanna	López Grzelczyk	POLAND	90	Thermogravimetric analysis for assessing changes in soil organic matter pools during amendment-assisted remediation Determination of the temperature and gelation rate of hydrocolloids extracted from fruit pomace by differential scanning calorimetry	T01 Bio sciences, including food, soil, textile, woo T01 Bio sciences, including food, soil, textile, woo
5 6	Zhi-Juan Jitka Lenka	Pan Krouská Findoráková	CHINA CZECH REPUBLIC SLOVAKIA		Construction of self-reinforced networks with high-crystallinity silk nanofibrils for ultrafine and biodegradable recycled regenerated silk fibroin monofilament sutures Soil microbial metabolism from a calorimetric and respirometric perspective Heavy metal agricultural soil pollution and soil organic matter study, via X-ray fluorescence spectrometry and thermal analysis, in Košice, Slovakia	T01 Bio sciences, including food, soil, textile, woo T01 Bio sciences, including food, soil, textile, woo T01 Bio sciences, including food, soil, textile, woo
7 8	Joseph N E Gabriela	Lejeune Vlase	FRANCE ROMANIA	330	PET materials for mid-IR reflective properties Physicochemical and antioxidant characterisation of a food supplement based on Ginger (zingiber officinale), in vitro evaluation	T01 Bio sciences, including food, soil, textile, woo T01 Bio sciences, including food, soil, textile, woo
9 10 11	Mohamed Juan Carlos	Barbakadze Bassyouni Moreno-Pirajan	GEORGIA EGYPT COLOMBIA	378	Survival and growth of Spirulina platensis cells in a Zarrouk's medium where K ⁺ was replaced by an equal molar amount of Cs ⁺ ions, irradiated with Cs137 γ at 180 kGy Recent developments in sustainable composting methods for organic fertilizer production from biowaste Studying the influence of bone char synthesis settings over its properties and its interaction with glyphosate: application of immersion calorimetry	T01 Bio sciences, including food, soil, textile, woo T01 Bio sciences, including food, soil, textile, woo T02 Calorimetry
12	Liliana	Giraldo Jankowska-Sumara	COLOMBIA	200	Preparation of activated carbons from CD's waste for SO ₂ and NO _x adsorption: study using adsorption calorimetry Calorimetric analysis of antiferroelectric Pb(Hf1-xSnx)O ₃ single crystals	T02 Calorimetry T02 Calorimetry
14 15 16	Shota Vilma Petkova Chung-Hao	Stoyanova Wu	BULGARIA TAIWAN		Thermodynamic stability and yield of phycolbiliprotein complex of Spirulina platensis after exprosure to low (-196C,-80C,-40C, -20C) temperatures Application of inert mineral fillers for practical ecological solutions in cement mortars Develop a new instrument to test the bond strength of reinforced concrete at high temperature	T02 Calorimetry T03 Cements, building materials T03 Cements, building materials
17 18 19	Juan F. Vilma Melih	Saldarriaga Vaicekauskiene Yıldız	COLOMBIA LITHUANIA TÜRKIYE		Influence of fly ash replacement on monoliths subjected to acid and base solution attack Effect of metakaolin waste as a pozzolanic additive on the hydration processes and properties of cement stone Sustainability analyses of connected vehicle technologies	T03 Cements, building materials T03 Cements, building materials T07 Energy conversion and storage
20 Poster 3	Farzad Session 2. / Wednesday Juan F.	Zolfaghari 25 June 15:00-15:30 Saldarriaga	LITHUANIA	430 50	Comparative analysis of diesel and waste cooking oil blends on engine performance and emissions using statistical and machine learning approaches Evaluation of the deterioration of monolith specimens made of fly ash-cement mixtures subjected to	T09 Fuels, biofuels T03 Cements, building materials
2	Martin Yiying	Palou Du	SLOVAKIA LITHUANIA		leachate from the Doña Juana sanitary landfill Resistance of LC ³ cement pastes against supercritical CO ₂ attack Effect of superplasticisers and multiwalled carbon nanotubes on the fresh and hardened properties of cement paste	T03 Cements, building materials T03 Cements, building materials
5	Arnon Maite Pura	Chaipanich Garcia-Valles Alfonso	THAILAND SPAIN SPAIN	201	Thermogravimetric analysis and phase characterizations of autoclaved fly ash mortars with different calcium oxide content Valorization of concrete washing slurries for environmentally friendly applications Mineralogy of the thermally activated fine fraction of construction and demolition wastes	T03 Cements, building materials T03 Cements, building materials T03 Cements, building materials
8	Silvie Gyorgy Branislav	Švarcová Thalmaier Hruška	CZECH REPUBLIC ROMANIA SLOVAKIA	258 405 393	Calcium formate as accelerator of LC ³ cement hydration Octane-expanded perlite PCM composites for thermal management in buildings Thermo-analytical and spectroscopic study of aluminoborosilicate glasses	T03 Cements, building materials T03 Cements, building materials T04 Ceramics, glasses
10 11 12 13	Joerg Wojciech A. Joanna Pura	Pezoldt Pisarski Pisarska Alfonso	POLAND POLAND SPAIN	144	Silicon and carbon multilayer transformation into cubic silicon carbide Thermal properties of boro-germanate glasses Fluoroindate glasses: thermal, structural and optical investigations Vitrification of contaminated technosoils as a remediation strategy with economic benefits	T04 Ceramics, glasses T04 Ceramics, glasses T04 Ceramics, glasses T04 Ceramics, glasses
14 15 16	Marcin Katarzyna Elif Zeyneb	Gajek Pasiut Tekin	POLAND POLAND TÜRKIYE	334 431	Analysis of physicochemical properties of clinker tiles with the addition of alternative waste raw materials Correlation between thermal properties and the structure of glass-crystalline ceramic glazes Assessment of engine thermal efficiency in relation to angle of attack: a digital twin-based approach	T04 Ceramics, glasses T08 Exergy, experimental thermodynamics
17 18 19 20	Doğa Ebru Mehmet Ziya Maurizio	Kılıç Bahcecioglu Sogut Grigiante	TÜRKIYE TÜRKIYE TÜRKIYE ITALY	366 14	Application of digital twin technology for the analysis of combustion emission of fuel blends Thermal stress and material fatigue in cargo parachutes Entropy-driven approach to irreversibility management in ship engines Thermophysical properties evaluation on polymers and phase change materials: a systematic study	T09 Fuels, biofuels T14 Life sciences T14 Life sciences T24 Thermal conductivity
1 2	Session 3. / Wednesday Mária Aleksandra	Chromčíková Nowicka	SLOVAKIA SLOVAKIA	395	Thermo-mechanical and corrosion study of barium crystal gasses Compositional influence on physico-chemical properties of SiO ₂ -Al ₂ O ₃ -B ₂ O ₃ based glassy networks	T04 Ceramics, glasses T04 Ceramics, glasses
3 4 5	Marcin Alexandra M. Titus	Gajek Tășală Vlase	POLAND ROMANIA ROMANIA	318	Evaluation of the properties of silica materials dotted with silver nanoparticles Characterization of red pigment mixtures with binders used in restorations through hyphenated techniques Bronze, faiance and unknown: analysis of late bronze age samples from the Grămurada de la Jupani site (Susani, Traian Vuia, Romania) using thermal, microscopic and spectroscopic techniques	T04 Ceramics, glasses T05 Cultural heritage T05 Cultural heritage
6 7 8	Laura D Haifeng Yifei	Pitulice Huang Ling	ROMANIA CHINA CHINA		Physico-chemical techniques and statistical analysis of heritage objects data Thermal behavior and compatibility study of dihydroxylammonium 3,4-dinitraminofurazan Preparation of high iron containing polyvinylferrocenes burning rate catalyst and their catalytic	T05 Cultural heritage T06 Energetic materials T06 Energetic materials
10	Piotr Aleksandra Martyna	Prasuła Bobowska	POLAND POLAND	304	Studies on thermal decomposition of fusible insensitive explosive compositions based of 2,4-dinitroanisole and waxes Perovskite-based materials for an application in CLOU technology Figure of plant based dialectric fluids for transformance establishs and sustainability.	T06 Energetic materials T06 Energetic materials
11 12 13	Chun-Ping Ľubomíra Artūras	Lin Drozdová Kilikevičius	TAIWAN CZECH REPUBLIC LITHUANIA	34 139 65	Evaluations of plant-based dielectric fluids for transformers: performance, stability, and sustainability Thermal management optimisation in AB ₂ metal hydride storage: dynamic analysis of hydrogen absorption and desorption Optimizing cogeneration plant performance for sustainable energy in multi-energy demand industries	T07 Energy conversion and storage T07 Energy conversion and storage T07 Energy conversion and storage
15	Martyna Obai Younis	Szatkowska Taha Fohór	POLAND SAUDI ARABIA		Properties of porous materials from carbonised biomass infiltrated with PEG6000 modified with graphene The impact of inner tube shape on the performance of a hexagonal porous thermal energy storage unit loaded with NEPCM Sustainable thermal management via transportable heat storage units	T07 Energy conversion and storage T07 Energy conversion and storage
16 17 18 19	Anna Esma Joanna Juan Francisco	Fehér Ulusan Smorawska Ruiz Guerron	HUNGARY TÜRKIYE POLAND SPAIN	369 60	Sustainable thermal management via transportable heat storage units Determinants of carbon emissions: globalization, energy consumption and passenger transportation Bio-based diisocyanates - synthesis, characterization and application Comparative kinetic study of the melt polymerization of isomeric dinitriles monomers by thermal analysis	T07 Energy conversion and storage T14 Life sciences T21 Polymers T21 Polymers
20	Sebastian Session 4. / Thursday, 2	Prewendowski	POLAND		Hot-stage microscopic analysis of strzegom granites in the context of their chemical composition and thermal properties Optimization of functionalized nanomaterials for gas capture: a study based on adsorption calorimetry	T28 Thermal imaging T02 Calorimetry
3	Aleksandra Alexandra M. Muhammad	Moreno-Pirajan Nowicka Tășală Farooq	SLOVAKIA ROMANIA SAUDI ARABIA	391 317	The influence of Li ₂ O on the structure and thermal properties of Al ₂ O ₃ -CaO-K ₂ O-Na ₂ O-SiO ₂ glass Study of blue pigments used in paintings: insights from thermal and hyphenated analytical techniques Autonomous desalination unit using solar photovoltaic energy: a sustainable approach for water	T02 Calorimetry T04 Ceramics, glasses T05 Cultural heritage T07 Energy conversion and storage
5 6	Jurij Yousra	Al Mors	SLOVENIA MOROCCO	222	Steam turbine condenser cooling tubes analysis after hp&ip steam bypass modification Thermal energy storage systems: PSO-driven approach for improved performances and operational reliability Thermocline energy storage for enhancing the thermal performance of a hybrid compression absorption.	T07 Energy conversion and storage T07 Energy conversion and storage
7 8 9	Ahmed Sang Shin Syarifah	Al Mers Park Abd Rahim	MOROCCO SOUTH KOREA MALAYSIA	147	Thermocline energy storage for enhancing the thermal performance of a hybrid compression-absorption cooling machine powered by a linear Fresnel CSP system CFD simulation for co-gasification of coal blended with biomass in an one-stage oxygen-blown entrained bed co-gasifier Solubility and thermodynamic function of carbamazepine-saccharin co-crystal in ethanolic solution	T07 Energy conversion and storage T08 Exergy, experimental thermodynamics T08 Exergy, experimental thermodynamics
10	Syarifah Ajit Kumar Mariusz	Parwani Wądrzyk	INDIA POLAND	269 370	Solubility and thermodynamic function of carbamazepine-saccharin co-crystal in ethanolic solution Enhancing diesel engine performance with ionic liquid and graphene quantum dots Thermal behaviour of hydrochars produced from apple pomace at different process temperatures: stability and value-added chemicals production Thermogravimetric and calorimetric analysis of biographe from pretreatment-enhanced hydrothermal	T08 Exergy, experimental thermodynamics T09 Fuels, biofuels T09 Fuels, biofuels
12 13 14	Marek Kamila M. Rafał	Plata Zaborowska Łysowski	POLAND POLAND	290	Thermogravimetric and calorimetric analysis of biocrude from pretreatment-enhanced hydrothermal liquefaction Production of green diesel via oleic acid hydrodeoxygenation over carbon-supported nickel catalysts Cuprospinel as oxygen carrier for solid fuel combustion	T09 Fuels, biofuels T09 Fuels, biofuels T09 Fuels, biofuels
15 16 17	Łukasz Marek Dóra	Korzeniowski Lewandowski Cseresznyés	POLAND POLAND HUNGARY	346	The effect of hydrothermal processing temperature on the characteristic of hydrochars obtained from apple pomace Activity of amorphous NIB/SIO ₂ in hydrotreating model reaction: hydrodenitrogenation of carbazole Past and present of thermal analysis in the geological survey of Hungary	T09 Fuels, biofuels T09 Fuels, biofuels T10 Geosciences and minerals
18 19 20	Sebastian Mihaela M Julián E.	Prewendowski Budiul López	POLAND ROMANIA COLOMBIA	308	Optimization of functional properties of clay raw materials using integrated thermal analysis methods Thermoanalytical and spectroscopic study of flunarizine dihydrochloride and binary mixtures of drug and excipients stored in extreme environments Oxidative pyrolysis of refuse-derived fuel (rdf): a kinetic study	T10 Geosciences and minerals T20 Pharmaceuticals T22 Pyrolysis
1 2	Session 5. / Thursday, 2 Alexandra Paul S	Sagatova Thomas	CZECH REPUBLIC AUSTRALIA	313	Investigating CO ₂ capture and sequestration via volumetry, thermal analysis, and calorimetry Physical characterisation of a porous precious play-of-colour opal	T07 Energy conversion and storage T10 Geosciences and minerals
4	Sien Jie	Kek Wong Fehér	MALAYSIA MALAYSIA	107	Human-induced airflow and particle transport in isolation wards: CFD assessment of ventilation effectiveness Digital twin-enabled ventilation control for enhanced thermal comfort and sustainability in smart buildings: a review	T11 Heat transfer T11 Heat transfer
6 7	Anna Adnan Ewelina	Qayoum Ziółkowska	INDIA POLAND	259 438	Literature review on coating and coatings processes for optimizing heat dissipation in break systems Heat and fluid flow investigation of synthetic jet impingement in electronic cooling Artificial intelligence-based prediction of outlet air and water temperatures in heat exchangers under sudden variations of input parameters	T11 Heat transfer T11 Heat transfer T11 Heat transfer
9	Meiqian Wenkui	Chen Zhu	CHINA	423	Experimental assessment on the thermal and moisture migration of sand-based backfill materials combined with fly ash Research on dynamic changes of moisture content and temperature in tobacco shreds during fixed-bed convective drying and numerical simulation	T11 Heat transfer T11 Heat transfer
11 12	Lili Elžbieta	Li Fu Juršėnė	CHINA CHINA LITHUANIA		Research on the application of multidimensional thermal analysis technology in stock tobacco raw material usage recommendation and cigarette manufacturing quality tracking Optimization of functional filler application and regulation of thermal release characteristics in reconstituted tobacco The importance of the thermal analysis method in studying the formation of calcium hydroxyapatite and	T11 Heat transfer T11 Heat transfer T12 Inorganic materials
13 14 15	Rositsa P Nadia L. Jiří	Nikolova Petrova Stibral	BULGARIA BULGARIA CZECH REPUBLIC	98	malachite green composite New data on crystal phases in the system MgSO ₄ –OC(NH ₂) ₂ –H ₂ O Crystal phases in the system MgCl ₂ –OC(NH ₂) ₂ –H ₂ O: synthesis and their thermal behaviour Application of thermoanalytical methods in the study of NIR pigments based on doped CaSnO ₃	T12 Inorganic materials T12 Inorganic materials T12 Inorganic materials
16 17	Maciej Wojciech	Kaniewski Dunaj	POLAND POLAND	355 349	perovskites Study on thermal behavior of mixtures of ammonium nitrate and various iron chelates The impact of biocatalyst modification on the efficiency of silica recovery from plant waste	T12 Inorganic materials T12 Inorganic materials
19	Laurenţiu-Constantin Magdalena Session 6. / Thursday, 2		POLAND	71	The kinetic study of the drying process of food industry waste Innovative temperature-dependent studies on the structural and thermal properties of rigid and flexible polyurethane adhesives	T13 Kinetics and catalysis T15 Materials science
1 2 3 4	Arnon Branislav Jerome Stanley	Du Chaipanich Hruška Martin	THAILAND SLOVAKIA INDIA	116 392	Use of calcium hydroxide in wood ash-based alkali-activated material Microstructure and phase characterizations of autoclaved high calcium fly ash-calcined clay mortars Thermodynamic model and structural analysis of borosilicate glasses Probative assessment of hydrogen enriched methane induction in gasoline drrect injection engine for	T03 Cements, building materials T03 Cements, building materials T04 Ceramics, glasses T09 Fuels, biofuels
5	Aleksandra Martyna Keng Yinn	Bobowska Wong	POLAND MALAYSIA		homogenous stoichiometry and near stoichiometric conditions Measurement of reaction kinetics between perovskite-based oxygen carrier and gaseous fuel Optimizing thermal condition in a patrol vessel engine room through ventiation strategy: onsite data analysis and numerical simulations	T13 Kinetics and catalysis T14 Life sciences
7 8 9	Gabriela Vilma Petkova Julia	Vlase Stoyanova Popis	ROMANIA BULGARIA POLAND	420	Preliminary studies of some pharmaceutical formulations with drugs from the anticoagulant class Microstructural and thermal investigations of natural fluorapatite via long time tribochemical activation Analysis of the thermal properties of Magnesium alloy with the addition of noble and rare earth elements	T14 Life sciences T15 Materials science T15 Materials science
10	Magdalena Paweł	Szumera Rutkowski	POLAND POLAND	77 82	Additive manufacturing of glassy-clay fertilizer carriers for controlled nutrient release Thermophysical and thermomechanical properties of epoxy resin – boron carbide – hexagonal boron nitride composites	T15 Materials science T15 Materials science
15	Marieta Narine Agnieszka Mario	Zakaryan Amirkhanyan Lipke Francisco-Fernández	ARMENIA ARMENIA LITHUANIA SPAIN	240 110	Magnetic high-entropy alloys by aluminothermic reduction process Synthesis and characterization of FeNiMnAlCu high-entropy alloy for magnetic applications Modified layered double hydroxides as effective adsorbents of arsenate and chromate anions Statistical approach and computational tools for time temperature superposition principle	T15 Materials science T15 Materials science T15 Materials science T15 Materials science
16 17 18	Anna Petra Magdalena	Gerle Šulcová Kujawa	POLAND CZECH REPUBLIC POLAND	127	Mass spectrometry evolved gas analysis as potential method to determine kinetics parameters for chrysotile dehydroxylation in cement-asbestos samples Study of precursors for the preparation of doped CaTiO ₃ pigments via SOL-GEL process Thermal analysis of amphibole varieties of asbestos	T15 Materials science T15 Materials science T15 Materials science
19 20	Gergő Oana Catallina Session 7. / Friday, 27 Ju Luis A.	Szabó Mocioiu	HUNGARY ROMANIA	375 388	Effect of water leaching on composition and thermal properties of wood barks Silica-based coatings of cellulose substrates for improved flame retardancy properties Thermal dependence of the structure in XFe ₂ O ₄ (X=Co, Cu, Fe, Mg, Mn, Ni) high-entropy spinel ferrites	T15 Materials science T18 Nanomaterials and composites T15 Materials science
2 3 4	Paweł Julia	Rutkowski Popis	POLAND POLAND	80 399	synthesized via reactive flash sintering The influence of temperature on thermal and mechanical properties of beech-PU-beech joints Thermal analysis of an Iron-based alloy produced by powder metallurgy	T15 Materials science T15 Materials science
6	Madalina Young-Chan Khachik	Gradinaru Kim Nazaretyan	ROMANIA SOUTH KOREA ARMENIA	299	Influence of environmental factors on the compatibility between prasugrel: excipients Thermal analysis and defect reduction in al/cu hybrid rotor casting using computational simulation and optimized heating channel design Preparation of FeNi alloys with enhanced magnetic properties through high-speed liner heating	T15 Materials science T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics
7 8 9	Hanze Florin Mariusz	Liu Popa Król	ROMANIA POLAND	178 211	Regulation mechanism of Ni-Fe alloy thermodynamic parameter coupling effects on stability enhancement in compressor porous casing systems Phases evolution in the annealed Ni ₅₀ Mn ₂₀ Sn ₃₀ Heusler alloy obtained by mechanosynthesis Hot plastic deformation of SLM-printed ZK60 magnesium alloy Continuous appealing of medium Magnesium alloy	T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics
10 11 12	Adam Przemysław CheolWoo	Skowronek Snopiński Kim	POLAND POLAND SOUTH KORFA	262	Continuous annealing of medium-Mn steels: thermal characterization and optimalization process of heat treatment Comparative analysis of heat treatment effects on the microstructure of LPBF-processed AlSi7, AlSi10Mg, and AlSi12 alloys Enhancement of high-pressure die-casting mold durability using laser cladding with stainless steel based.	T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics
12 13	CheolWoo Seweon Anna	Kim Choi Kiljan	SOUTH KOREA SOUTH KOREA POLAND	298	Enhancement of high-pressure die-casting mold durability using laser cladding with stainless steel based coating material Precipitation-driven thermal diffusivity behavior of Al-6Si-0.4Mg-0.9Cu-(Ti) alloys for automotive engine applications Properties of bulk metallic glasses Mg66Zn30Ca4 for biomedical application	T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics T16 Metals, alloys, intermetallics
15 16	Hamza Oana Catallina	Babar Mocioiu	UNITED KINGDOM ROMANIA	389	Optimization of nanofluid concentration and flow rate in evacuated tube solar collectors using ANOVA: Energy and exergy analysis The effect of dopants on the thermal conductivity of ZnO nanofluids	T17 Nanofluids T17 Nanofluids
19	Sorana Elena Titus	Wei Lazar Vlase	ROMANIA ROMANIA	339	Fabrication of fibrous nanofiber membranes for passive radiation cooling Green synthesis of copper oxide nanoparticles using peppermint leaf extract: characterization and antimicrobial activity Thermal treatment and polymer matrix diffusion effects on hydroxyapatite particle size evolution	T18 Nanomaterials and composites T18 Nanomaterials and composites T18 Nanomaterials and composites
20 Poster 5	Juan Francisco Session 8. / Friday, 27 Ju Mária	Ruiz Guerron Ine 15:00-15:30 Chromčíková	SPAIN SLOVAKIA		Thermal analysis as a successful tool for the nanocomposites development: influence of copper oxide nanoparticles on the bulk polymerization of diaminomaleonitrile Viscosity of model barium crystal gasses	T18 Nanomaterials and composites T04 Ceramics, glasses
4	Veronika Zsolt Mariusz Rafał	Vágvölgyi Rácz Król	HUNGARY HUNGARY POLAND	243 440 406	Thermal analysis (TG and CRTA) as a non-conventional analytical technique in microplastic detection Laser welding of Ni-coated mild steel tabs to 18650 lithium-ion battery cells using a diode laser system Material analysis of newly developed resin-based multilayer composites	T15 Materials science T16 Metals, alloys, intermetallics T18 Nanomaterials and composites
5 6 7	Balázs Asefa	Janus Zsirka Mekonen	HUNGARY HUNGARY	414	A novel facile synthesis of CMK-type carbon replicas cast from narrow-mesoporous silica matrices Development of graphitic carbon nitride/metakaolin composite photocatalysts Photocatalytic degradation of methylene blue (MB) and rhodamine 6G (Rh 6G) using g-C ₃ N ₄ /TiO ₂ composites synthesized by hydrothermal method Thormal and spectroscopical analysis of new synthesized iron(III) complexes with glyevimes, schiff bases	T18 Nanomaterials and composites T18 Nanomaterials and composites T18 Nanomaterials and composites
9	János Faraat Mihaela M	Madarász Ali Budiul	HUNGARY CZECH REPUBLIC ROMANIA	288	Thermal and spectroscopical analysis of new synthesized iron(II) complexes with glyoximes, schiff bases, semi- and thiosemicarbazones Solid state thermoanalytical characterization of drugs and pharmaceuticals by thermoanalytical techniques Preformulation studies for antipyretic and analgesic drug in novel pharmaceutical formulation	T19 Organic materials T20 Pharmaceuticals T20 Pharmaceuticals
11	Mihaela M Joanna Julia	Budiul Smorawska Habaj	POLAND POLAND	129	Preformulation studies for antipyretic and analgesic drug in novel pharmaceutical formulation Thermal properties of bio-based thermoplastic polyurethanes subjected to multiple processing and recycling cycles Influence of low molecular blocking agent on the structure and thermal properties of modified bio-based triisocyanates	T21 Polymers
13 14 15	Maciej Laura D Huiyi	Kisiel Pitulice Tan	POLAND ROMANIA MALAYSIA	352	The effect of a single methylene group in the spacer of liquid crystalline epoxy Resin Physicochemical characterisation and applications of biocatalyst based on chitosan hydrogels Advancing biochar-based catalysis for hydrogen production: a systematic review on activation strategies	T21 Polymers T21 Polymers T22 Pyrolysis
	Badr S. Keith Session 9. / Friday, 27 Ju	Alotaibi Racman 15:30-16:00	SAUDI ARABIA SLOVENIA		and recent developments Najran retrofitted earth buildings' insights on sustainability Go to the limits - DSC 5+	T05 Cultural heritage Silver Sponsor
	Lucy N. Hong Yee	Karanja Kek	HUNGARY MALAYSIA	434 79	Adsorptive removal of rhodamine 6G using KOH-activated hydrochar from spent coffee grounds: kinetics, isotherms, and thermodynamic analysis Eco-efficient thermal conversion of plastic waste into hydrogen fuel and carbon additives: a life cycle perspective	T15 Materials science T22 Pyrolysis
3	Meiqian Keng Yinn	Chen	CHINA	70	Evaluation on gasification performance of waste tires based on chemical equilibrium analysis and ReaxFF-MD simulation Thermal conversion of plastic waste into fuels and lubricant additives for hydrogen internal combustion engines: a systematic review	T22 Pyrolysis T22 Pyrolysis
5 6 7 8	Essam Mohammed Ali Mario	Mahmoud Boumhamdi Abouais Machů	SAUDI ARABIA POLAND POLAND CZECH REPUBLIC	155 130	Performance of solar distillation systems with reflectors: a comprehensive review Study of thermal proprieties and surface state of CdS _x Te _{1-x} and CdMg _x Te _{1-x} using photothermal methods Thermal properties and lattice disorder effects in ZnMnTe crystals using photopyroelectric calorimetry Fast determination of the thermal conductivity of insulating materials	T24 Thermal conductivity T24 Thermal conductivity T24 Thermal conductivity T24 Thermal conductivity
9 10 11	Chi-Min Xin Hao Zuzana	Shu Huang Cibulková	TAIWAN TAIWAN SLOVAKIA	193 183 206	Impact of different cyclic/linear electrolyte compositions on the thermal runaway of lithium-ion batteries Effects of $Ca(H_2PO_4)_2$ and $(NaPO_3)_6$ on the suppression of wheat flour dust explosions Thermooxidative stability of polymers employed in the conservation of plastic artefacts	T25 Thermal hazards, lifetime prediction T25 Thermal hazards, lifetime prediction T25 Thermal hazards, lifetime prediction
12	Andreea	Mihaila	ROMANIA	295	Research on the thermal stability of painted layers on wooden substrates	T25 Thermal hazards, lifetime prediction