

<b>PROGRAMME</b>			
THERMAM 2016 - 3 <sup>rd</sup> Thermophysical and Mechanical Properties of Advanced Materials			
1-3 September 2016, IZMIR, TURKEY			
1 September Thursday			
09:00		Registration	
18:00			
10:30		Opening Session	
11:00			
11:00		Keynote Session 1	
11:30			
11:45		PARALLEL SESSIONS 1 (SALOON A - SALOON B)	
12:30			
PARALLEL SESSIONS 1			
SALOON A		SALOON B	
11:45	64	Impacts of Material Types and Fabrication Methods to Enhance Near Field Radiative Transfer for Energy Harvesting Devices <i>Elif Begum Elcioglu, Tuba Okutucu Ozyurt and M. Pinar Menguc</i>	141
12:00			Viscoelastic and mechanical properties of olive pomace filled Polypropylene (PP) composites <i>Nusret Kaya, Metehan Atagür, Orhan Akyüz, Yoldaş Seki, Mehmet Sarikanat, Özgür Seydibeyoğlu, Mücahit Sütçü and Kutlay Sever</i>
12:00	113	Modeling of Thermodynamic and Thermophysical Properties of Refrigerant Mixtures <i>Mustafa Turhan Coban</i>	109
12:15			Preparation and Mechanical Properties of Graphene Oxide (GO)/ Polyvinyl Chloride (PVC) Composites <i>Ferda Mindivan</i>
12:30	125	Effect of B element ratio on thermal properties of NiMn40Co5Sb10-xBx alloys <i>Yildirim Aydogdu, Ayse Aydogdu, Mediha Kök and Zehra Deniz Yakıncı</i>	6
12:30			Optimization of weld parameters of hot plate welded ABS+PC blends by using the Taguchi experimental design method <i>Aydın Ülker, Nahit Öztoprak, Sami Sayer and Çınar Yeni</i>
14:30		LUNCH	
14:30		PARALLEL SESSIONS 2 (SALOON A - SALOON B)	
15:30			
PARALLEL SESSIONS 2			
14:45	73	Thermal Properties Of Polypropylene Homopolymer Materials Filled For Different Grain Size Colemanite <i>Tülin Sahin, Ece Cengiz Yücel and Senol Sahin</i>	48
15:00			Failure Analysis of Bolted Natural Fiber Reinforced Composites <i>Cemal Koçhan and Çiçek Özses</i>
15:00	105	Thermal conductivity of polymeric materials - accuracy of different measurement techniques <i>Helena Weingrill, Wolfgang Hohenauer, Katharina Resch, Liane Gnegeler and Christoph Zauner</i>	85
15:15			Effect of Divided Core on The Shear Performances of Textile Reinforced Foam Core Sandwich Composites <i>Tuba Alpyildiz, Hüseyin Erdem Yalkın and Bulent Murat Icten</i>

PARALLEL SESSIONS 2			
14:30 14:45	67	Thermal Performance of a Multi-Holed Brick Considering Different Hole Shapes and Hole Arrangements <i>Murat Çağrı Uludaş, Muslum Arici and Hasan Karabay</i>	86 Impact Response of Perforated Foam Core Sandwich Composites: Effect of Core Thickness <i>Bulent Murat Icten, Huseyin Erdem Yakin and Tuba Alpyildiz</i>
15:15 15:30	134	Parametric Transient Analysis of Thermal Insulating Plaster for Exterior Wall <i>Tuğçe Pekdoğan and Tahsin Başaran</i>	120 The Change of Thermal and Microstructure Properties of Cu-Based HTSMAs <i>Muhammed Al-Dalawi, Fethi Dagdelen and Mediha Kok</i>
15:30 16:30	COFFEE BREAK with Poster Session A (P1-P25)		
16:30 17:15	PARALLEL SESSIONS 3 (SALOON A - SALOON B)		
PARALLEL SESSIONS 3			
16:30 16:45	118	Thermal Procedure effects of CuAlNiTi shape memory alloys <i>Mediha Kök, Fethi Dağdelen, Sait Kanca and Ayşe Aydoğdu</i>	77 Effect of Polymer Concentration on the Release Characteristics of Thyme Oil Microcapsules <i>Bugra Ocak and Meltem Karagozlu</i>
16:45 17:00	121	Ageing Temperature and Ageing Time Effects on Thermal Properties of CuAlCr Shape Memory Alloy <i>Zehra Deniz Yakıncı, Mediha Kök, Ayşe Aydoğdu and Yıldırım Aydoğdu</i>	133 Synthesis and Characterization of Zn <sub>0.98</sub> Al <sub>0.02</sub> O Powders by Sol-Gel Method <i>Enes Kilinc, M. Abdullah Sari, Fatih Uysal, Erdal Celik and Huseyin Kurt</i>
17:00 17:15	27	Calorimetric and densimetric measurements for modelling elimination of carbon dioxide by dissolution in aqueous systems: Data for geological sequestration <i>Barbara Liborio, Alejandro Moreau-Ortega, Nicole Nénot, Karine Ballerat-Busserolles and Jean-Yves Coxam</i>	137 Obtaining High Quality Surface for Micro Texturization of Silicon Wafer <i>Erhan Kayabaşı, Hüseyin Kurt and Erdal Çelik</i>
2 September Friday			
09:30 10:00	Keynote Session 2		
10:00 11:00	COFFEE BREAK with Poster Session B (P26-P50)		
11:00 12:30	PARALLEL SESSIONS 4 (SALOON A - SALOON B)		
PARALLEL SESSIONS 4			
SALOON A		SALOON B	
11:00 11:15	9	Thermal Performance of Ag-Water Nanofluids in a Single Phase Natural Circulation Mini Loop <i>Halil Doğacan Koca, Serkan Doğanay and Alpaslan Turgut</i>	2 The Measurements of Thermophysical Properties of High Density Polyethylene/Graphene Nanoplatelets Nanocomposites by Planar Disk Transient Method <i>Tuba Evgin, Vlastimil Boháč, Ismail Tavman, Alpaslan Turgut, Igor Novak and Maria Omastova</i>

PARALLEL SESSIONS 4					
11:15 11:30	8	Effect of loop aspect ratio on the performance of nanofluid based single phase natural circulation mini loops <i>Ziya Haktan Karadeniz and Alpaslan Turgut</i>	32	Grain size effect on fatigue life of WC-Co 40 mainly used in cold forging tools <i>Bariş Tanrikulu, Ramazan Karakuzu, Umut İnce and Emrah Kılıncdemir</i>	
11:30 11:45	59	The influence of the nanoparticles Al <sub>2</sub> O <sub>3</sub> additives in isopropyl alcohol and propylene glycol on the liquid and solid phases heat capacity <i>Taras L. Lozovsky, Igor V. Motovoy, Olga Ya. Khliyeva and Vitaly P. Zhelezny</i>	75	Effect of TiO <sub>2</sub> and Cr <sub>2</sub> O <sub>3</sub> on properties of CaO-Na <sub>2</sub> O-SiO <sub>2</sub> glasses <i>Nedjima Bouzidi, Siham Aissou, L Cormier and Djoudi Merabet</i>	
11:45 12:00	5	Enhancing the thermal conductivity of oils by using MWCNTs as additive <i>Abdulkareem Alasli, Tuba Evgin and Alpaslan Turgut</i>	128	Influence of Heat Treatment Variables on the Microstructural Development of Cast Polycrystalline IN-738LC and Its Mechanical Properties <i>Ali Firat Dinler and Bilge İmer</i>	
12:00 12:15	4	Numerical Study on Nanofluid Based Flat Plate Solar Collector <i>Alper Mete Genç, Mehmet Akif Ezan and Alpaslan Turgut</i>	146	Oxidation Behavior of 316L Stainless Steel at High Temperatures in Air <i>Hakan Us, Tushar K. Ghosh and Sudarshan K. Loyalka</i>	
12:15 12:30	25	Phase Equilibria in Fluid Mixtures Embedded with Graphene Genealogic Tree Nanoparticles <i>Viktoriia Karnaukh and Viktor Mazur</i>	147	Oxidation Behavior of Structural Material Incoloy 800H alloy for High Temperature Reactor Systems <i>Hakan Us, Tushar K. Ghosh and Sudarshan K. Loyalka</i>	
12:30 14:30	LUNCH				
14:30 15:30	PARALLEL SESSIONS 5 (SALOON A - SALOON B)				
PARALLEL SESSIONS 5					
14:30 14:45	84	Thermochromic and solvatochromic behavior of formally divalent phosphorus compounds in solutions <i>Alexander Kornev</i>	129	Optimization of chemical vapor deposition process parameters for aluminizing <i>Umutcan Ertürk and Bilge İmer</i>	
14:45 15:00	82	Thermodynamic Properties of Redox-Isomeric Cobalt Complexes with O-Semiquinonic Ligands <i>Alla Arapova, Michael Bubnov, Nina Skorodumova and Natalia Smirnova</i>	131	Aluminide Coating Simulations <i>Mustafa Tarık Boyraz, Umutcan Ertürk and Dr. Bilge İmer</i>	

PARALLEL SESSIONS 5			
15:00 15:15	60	Performance Evaluation of Carbon Fiber Assisted Cabin Dryer During the Drying Process of Strawberry Slices <i>Ömer Faruk Çokgezme, Mutlu Çevik, Deniz Döner, Serdal Sabancı and Filiz İçier</i>	38 Investigation of the Mechanical Bonding Effects on Mechanical Performance of the Adhesively Bonded Composite Materials <i>Yunus Emre Kahvecioglu and Yusuf Arman</i>
15:15 15:30	145	Evaluation of Rheological and Thermal Properties of Dietary Fibre Enriched Gluten Free Doughs <i>Ayşegül Koralay, Buket Amca, Seher Kumcuoğlu, Neslihan Bozdoğan and Şebnem Tavman</i>	12 The experimental and numerical investigation of fracture behavior of woven-fabric-reinforced glass/epoxy laminates including different crack geometries <i>Evren Meltem Toygar and Fuat Gezici</i>
15:30 16:30	COFFEE BREAK with Poster Session C (P51-P75)		
16:30 17:15	PARALLEL SESSIONS 6 (SALOON A - SALOON B)		
PARALLEL SESSIONS 6			
16:30 16:45	68	Effects of Talc Additions on Thermal Conductivity and Decomposition of Rigid Polyurethane Foams <i>Bilal Aydoğan and Nazim Usta</i>	
16:45 17:00	71	Investigation the fire behavior of rigid polyurethane foams filled with talc <i>Bilal Aydoğan and Nazim Usta</i>	
17:00 17:15	7	Ferrofluid Applications on Micro Pumping Systems <i>Serkan Doganay, Alpaslan Turgut and Levent Cetin</i>	
17:15 17:30	149	Performance Analyses of Environmentally Friendly Low-GWP Refrigerants <i>Ayşe Uğurcan Atmaca, Aytunç Erek, Orhan Ekren</i>	

3 September Saturday	
09:30 10:30	Group Discussions
10:30 11:00	COFFEE BREAK
11:00 11:30	Closing Ceremony

1 September 2016 Thursday		
POSTER SESSION A (P1-P25)		
P1	45	Separation of low aromatic hydrocabons from mixed aromatic aliphatic hydrocarbon streams using ionic liquids <i>Ouahiba Tafat-Igoudjilene, Naima Chouireb and Joao Coutinho</i>
P2	47	Current-Voltage Characteristics of Schottky Barrier Diode Dependent on Temperature <i>Ahmet Kürşat Bilgili and Metin Özer</i>
P3	54	Thermal shock resistance of Mullite resulting from kaolin and tri-hydrated alumina <i>Malou Zahra and Hamidouche Mohamed</i>
P4	119	Electron concentration effects of CuAlNi shape memory alloy <i>Fethi Dağdelen, Mediha Kök, Soner Buytoz and Ayşe Aydogdu</i>
P5	123	Thermophysical properties of 1-butyl-3-methylimidazolium hexafluorophosphate at wide range of state parameters <i>Javid Safarov, Khagani Suleymanli, Abdulgani Aliyev, Astan Shahverdiyev and Egon Hassel</i>
P6	124	Carbon Dioxide Solubility in 1-Octyl-3-methylimidazolium Tetrafluoroborate at High Pressures and Temperatures <i>Christopher Sperlich, Aygul Namazova, Rena Hamidova, Javid Safarov, Ismail Kul, Astan Shahverdiyev and Egon Hassel</i>
P7	130	Analysis of Heat-Spreading Capability of encapsulated Annealed Pyrolytic Graphite Cores <i>Eric Monier-Vinard, Minh-Nhat Nguyen, Najib Laraqi, Valentin Bissuel and Olivier Daniel</i>
P8	148	Thermophysical properties of Çeşme Seawater sample <i>Abzar Mirzaliyev and Javid Safarov</i>
P9	51	Roughness of the punch in contact with steel sheet <i>Khennafi-Benghalem Nafissa, Zahri Abdliamine and Hamidouche Mohamed</i>
P10	52	Effect of wear on microhardness changes of alloy steels rubbing on X200Cr13 steel under dry conditions <i>Khennafi-Benghalem Nafissa, Hamidouche Mohamed and Zahri Abdliamine</i>
P11	65	Study of the Dynamic Properties of Protection System Against the Vibration <i>Benali Farouk, Merouani Abdelhak and Faci Abdelazziz</i>
P12	108	Characterization of Powder Metallurgy-Processed AZ 91/Nickel-Coated Graphite Composites <i>Harun Mindivan</i>
P13	41	A Numerical Study on the Mixed Convection of Laminar Nanofluid in a Vertical Channel <i>Bouhezza Aicha</i>
P14	44	Effect of TiO <sub>2</sub> nanoparticles dispersed in different base fluids on the heat transfer <i>Boukerma Karima and Kadja Mahfoud</i>
P15	15	Fundamental Equations of State for 1-, 2-Butanol <i>Boris Grigoriev, Igor Alexandrov and Anatoly Gerasimov</i>
P16	19	Correlations of Viscosity And Thermal Conductivity of 1-, 2-Butanol <i>Igor Alexandrov, Boris Grigoriev and Anatoly Gerasimov</i>
P17	31	Experimental phase diagrams for the system of crosslinked network Poly (2-PhenoxyEthylAcrylate) / solvent <i>Tewfik Bouchaour, Nouara Benmessaoud and Ulrich Maschke</i>
P18	39	Hopping Conductivity and Thermo-Emf in the TlFe <sub>1-x</sub> GaxS <sub>2</sub> Solid Solutions <i>Solmaz Mustafaeva</i>
P19	46	Thermodynamics of Low-Dimensional Ferrimagnetic TiCoS <sub>2</sub> <i>Elmira Kerimova, Agadil Abdullaev and Solmaz Mustafaeva</i>
P20	50	Analytical study of natural sandstone from local region using non-destructive techniques <i>Mounia Benyamina and Merzoug Boucheur</i>

P21	56	Characterization of transparent glass-ceramic (MAS) developed by the controlled crystallization <i>Chorfa Abdellah, Belkhir Nabil and Ariane Khalissa</i>
P22	72	Characterization of CuIn <sub>1-x</sub> GaxSe <sub>2</sub> thin films co-evaporated for photovoltaic solar cells. <i>Drici Abdelaziz, Bouraoui Ali, Amara Abdelaziz, Berredjem Yamina, Laskri Amina, Boulouma Amor and Hamrouni Achraf</i>
P23	89	Estimation of the Combined Standard Uncertainty of Thermal Diffusivity Measured With Flash Methods <i>Wolfgang Hohenauer</i>
P24	97	Flows in a Differentially-Heated Rotating Free Surface Cylinder <i>Malika Imoula and Rachid Saci</i>
P25	132	Characterization of the thermal contact parameters in an airplane braking system using inverse methods <i>Jean-Gabriel Bauzin, Nicolas Keruzore, Arnaud Gapin, Jean-Frederic Diebold and Najib Laraqi</i>

2 September 2016 Friday		
POSTER SESSION B (P26-P50)		
P26	101	Tribological Behaviours of ZA27/Graphene nanocomposites <i>Emre Deniz Yalçın, Aykut çanakçı, Fatih Erdemir and Temel Varol</i>
P27	102	Wear investigation of Al <sub>2</sub> O <sub>3</sub> /SiC composites by response surface Methodology <i>Fatih Erdemir, Aykut çanakçı, Emre Deniz Yalçın, Temel Varol and Serdar Ozkaya</i>
P28	3	Effect of fluid flow rate on the thermal performance of a nanofluid based system for electronics cooling <i>Emre Elbasan, Hakan Özdeniz and Alpaslan Turgut</i>
P29	115	Relationship Between the Surface Roughness and the Glass Erosion Duration <i>Smail Benterki, Chabane Bousbaa and Abdelaziz Faci</i>
P30	127	Influence of the sand mass and grain size on some properties of a soda lime glass subjected to sandblasting <i>Abdelaziz Faci, Nouredine Bouaouadja, Farouk Benali and Smail Benterki</i>
P31	111	Thermal decomposition of barium strontium squarate hydrate <i>Chahrazed Trifa, Hayet Anana and Chaouki Boudaren</i>
P32	43	Thermodynamic study on the CVD formation of boron nitride <i>Kaan Soysal and Ömer Faruk Murathan</i>
P33	88	Complex of 3A,6A-DIAZA-1,4-Diphosphapentalene with Lewis Acids. Thermal Investigation <i>Alla Arapova and Alexander Kornev</i>
P34	98	Thermal Decomposition of Pb (H <sub>2</sub> O) (C <sub>4</sub> O <sub>4</sub> ) <i>Chaouki Boudaren, Amira Bouhali, Chahrazed Trifa and Thierry Bataille</i>
P35	126	Effect of B element ratio on thermal properties of NiMn <sub>40</sub> Fe <sub>5</sub> Sb <sub>10-x</sub> B <sub>x</sub> alloys <i>Yildirim Aydogdu, Ayse Aydogdu, Zehra Deniz Yakinci and Mediha Kök</i>
P36	138	Thermal stability of food grade w/o emulsions <i>Hülya Çakmak and Sebnem Tavman</i>
P37	10	Investigation by a Genetic Algorithm of Fiber-Matrix Interface Damage of Bio-Nanocomposite Sisal/Graphite-Epoxy. <i>Mokaddem Allel, Beldjoudi Nadir, Doumi Bendouma, Alami Omar and Zeddour Brahim Mohamed Zahera</i>
P38	35	Correlations of Microstructure and Mechanical Properties of High Frequency HF Melting Ti-Al Alloys System <i>Salim Boulkhessaim and Abdelhak Fekrache</i>

P39	90	Thermal, Mechanical, and physical Properties of composite Polyethylene /Polystyrene /wood flour: Influence of Free Quenching <i>Leila Latreche and Nacereddine Haddaoui</i>
P40	92	Mechanical, physical and Thermal Properties of composite recycled polyoxymethylene/ calcium carbonate (POM recyc)/CaCO <sub>3</sub> <i>Leila Latreche and Nacereddine Haddaoui</i>
P41	110	The effect of (Al <sub>2</sub> O <sub>3</sub> .4SiO <sub>2</sub> .H <sub>2</sub> O-Na-Ca-Mg)-AlCrNi phase material on the turbine blades wear <i>Mokhtar Bounazef and H��l��ne Ageorges</i>
P42	117	Improvement of the Mechanical Properties of the Steel 16NC6 by Cementation <i>Yassamine Abdedaim, Abdelouhab Redjehta and Kamel Loucif</i>
P43	53	Study of the Silver and Copper Nanoparticles Diffusion in the Soda Lime Glass <i>Chorfa Abdellah, Belkhir Nabil, Rubio Fausto and Rubio Juan</i>
P44	24	X-ray powder diffraction and dielectric study of Pb <sub>0.96</sub> Ba <sub>0.02</sub> Ca <sub>0.02</sub> [(Zr <sub>0.52</sub> Ti <sub>0.48</sub> ) <sub>0.94</sub> (Zn <sub>1/3</sub> ,Ta <sub>2/3</sub> ) <sub>0.03</sub> (In <sub>1/3</sub> ,Sb <sub>2/3</sub> ) <sub>0.03</sub> ]O <sub>3</sub> sintered ceramics <i>Zelikha Necira, Ahmed Boutarfaia, Malika Abba, Noura Abdessalem, Hayet Menasra, Karima Bounab and Abdelhek Meklid</i>
P45	33	Synthesis of Si and Ba added Bi <sub>2212</sub> Superconductors <i>Boussouf Nora, Benhamideche Chahrazed, Kalkoul Nadira and Mosbah Mohamed Fayçal</i>
P46	34	Sahraoui Hada, Boussouf Nora, Benhamideche Chahrazed and Mosbah Mohamed Fayçal <i>Zr addition on Bi (Pb) 2212 superconductor</i>
P47	36	Investigations of co-existence region in lead zirconate-titanate solid solutions: X-ray diffraction studies <i>Abdelhek Meklid, Ahmed Boutarfaia, Zelikha Necira, Malika Abba and Hayet Menasra</i>
P48	57	HF application in the optical glass polishing <i>Aounallah Brahim, Khelaf Ikram, Belkhir Nabil and Chorfa Abdellah</i>
P49	70	Study of residual stresses of indentation in the glass <i>Leila Younes, Mohamed Hamidouche and Khaled Ayadi</i>
P50	83	Non destructive testing for the study of the biological environments. ( Detection of the tumoral cells). <i>Hichem Chorfi and Ayadi Khaled</i>

<b>2 September 2016 Friday</b>		
<b>POSTER SESSION C (P51-P74)</b>		
P51	11	The Usage of Vibratory Stress Relief Method in Welding <i>Fatih Kahraman and G��k��ce Mehmet Ge��n��r</i>
P52	20	In vitro Bioactivity Assessment Polymer and Nanohydroxyapatite (nHAp) Nanofibers for Tissue Engineering by Electrospinning Technique <i>Hakan Ateş, Necdet Saglam, Ezgi Emul, Mustafa Turk, Semran Saglam and Makbule Erdogan</i>
P53	22	Theoretical investigation on vibrational spectra, conformational analysis, molecular structure and NBO analysis of 5-[3-(Trifluoromethyl)phenyl]furfural <i>Yusuf Erdogan, M. Tahir Gulluoglu and Semran Saglam</i>
P54	23	Molecular structure, vibrational spectral investigation and the confirmation analysis of Methyl-6-quinoxalinecarboxylate <i>Semran Sađlam, Yusuf Erdođdu and M.Tahir G��ll��ođlu</i>
P55	28	Temperature Dependence of Metal Oxide Based Gas Sensing Properties Thin Films Grown by Silar Method <i>Irmak Karaduman, Tugba ��orlu, Memet Ali Yildırım, Aytun�� Ateş and Selim Acar</i>
P56	29	NH <sub>3</sub> Sensing Properties of ZnO Thin Film Grown by Silar Method <i>Tugba ��orlu, Irmak Karaduman, Memet Ali Yildırım, Aytun�� Ateş and Selim Acar</i>

P57	58	Energy and Exergy Analysis in Biogas Production <i>Kaan Soysal and Ömer Faruk Murathan</i>
P58	61	Exergetic and Energetic Performance Analysis of Ohmic Heating of Pineapple Juice <i>Filiz İçier, Serpil Pekdoğan Göztok, Serdal Sabanci, Mutlu Çevik and Ömer Faruk Çokgezme</i>
P59	79	Rheological behavior of acrylic coating deposited on sandblasted soda lime glass <i>Laouamri Hind, Mostafa Kolli, Nouredine Bouaouadja, Sylvain Gilgean and Gilles Arnold</i>
P60	94	Synthesis, Structural Study of Diffraction of Compound RX Pb (C2O4). <i>Chaouch Nadjat, Boudaren Chaouki and Bouali Samira</i>
P61	149	Novel perfluorinated aminothiols as a perspective oil additives and ligands <i>Afet Huseynova, Vaqif Farzaliyev, MirzaAllahverdiyev, Musallim Kuliye, Irada Bunyad-Zade</i>
P62	135	Precipitation and dissolution Kinetics of GP zone and metastable phase in Al-Cu alloys <i>Bilal Khamel, Foudil Sahnoune, Nouredine Brihi and Messaoud Fatmi</i>
P63	143	Study of the Tribological Behavior of a Sliding Contact Brass-Steel Couple with Electrical Current <i>Boubechou Choubeila, Bouchoucha Ali and Zaidi Hamid</i>
P64	144	Contribution to the Evaluation of Uncertainties of Measurement to the Data processing Sequences of a CMM <i>Gheribi Hassina and Boukebbab Salim</i>
P65	55	Nano abrasive grains use in optical glass chemical mechanical polishing <i>Abdedaïm Yassamine, Belkhir Nabil and Chorfa Abdellah</i>
P66	66	Effects of samarium modification on Structural and morphological properties of PSZT-PMI ceramics <i>Abba Malika, Boutarfaia Ahmed, Necira Zelikha, Noura Abdessalem and Meklid Abdelhek</i>
P67	76	Thermo-mechanical and morphological properties of vermiculite reinforced unsaturated polyester composites <i>Dehas Wided, Guessoum Melia and Douibi Abdelmalek</i>
P68	107	Preparation by solgel method and characterization of LaCr <sub>0.7</sub> Zn <sub>0.3</sub> O <sub>3</sub> perovskite <i>Ilhem Chadli and Mahmoud Omari</i>
P69	42	Modelling of Thermodynamics Properties of GaS-GaSe Alloys <i>Salim Asadov, Solmaz Mustafaeva and Asif Mammadov</i>
P70	69	Mechanism and kinetic parameters of Al-Si spinel crystallization from Algerian Tamazarte kaolinite by Differential thermal analysis <i>Foudil Sahnoune, Djaida Redaoui and Menad Heraiz</i>
P71	80	Thermal, rheological and morphological properties of biodegradable blends based on poly(lactic acid) and polycarbonate blends <i>Chelghoum Nadjat, Guessoum Melia and Haddaoui Nacerddine</i>
P72	91	Effect of starch on the thermal and physical properties of a bio-material composite polyoxymethylene / Starch <i>Leila Latreche and Nacereddine Haddaoui</i>
P73	136	Kinetics Parameters of the Thermal Dehydroxylation of Gibbsite Al(OH) <sub>3</sub> by Differential Thermal Analysis (DTA) <i>Djaida Redaoui, Foudil Sahnoune, Menad Heraiz and Nouari Saheb</i>
P74	139	In situ X-ray Diffraction Study of Alumina $\alpha$ -Al <sub>2</sub> O <sub>3</sub> Thermal Behavior <i>Afir Arezki</i>
P75	150	Density Measurements of N.Butanol+ N.Hexane in the Temperature Range from 290 K to 560 K at Pressures up to 60 Mpa <i>Vagif HASANOV, Ahmad MUSLIMOV, Gachay NAJAFOV, Nazim ALIYEV, Adila ZEYNALOVA, Shafaq TAGIYEVA</i>