

# IMSMATEC'18 PROGRAM

10APRIL 2018-10 NİSAN 2018

09:00-10:30	REGISTRATION/KAYIT
10:30-11:10	OPENING CEROMONY/AÇILIŞ TÖRENİ(HallHomeros /Salon Homeros)
11:10-11:30	INVITED SPEAKER:Prof.Dr.Amir A.Shirzadi How to Design, Prototype and Test A New Weld Alloy Which Expands When It is Cooled !
11:30-11:50	INVITED SPEAKER:Prof.Dr. Yannis Missirlis Biomechanics from Macro to Nano
11:50-12:10	INVITED SPEAKER:Prof.Dr. Bekir KARASU The Technological Adventure of Glass Surface Coatings
12:10-12:30	INVITED SPEAKER:Prof.Dr.Semra KURAMA Improving of Functional Properties of SiAlON Ceramics is Utopia or not?
12:30-13:30	LUNCH/ÖĞLE YEMEĞİ
<b>SESSION 1 / OTURUM 1</b>	
<i>Session Chairman /Oturum Başkanı: Dr.Ali GÜZEN HALL 1/ SALON 1</i>	
13:30-13:50	THE EFFECT OF GRINDING PARAMETERS OF SYNTHESIS OF Al <sub>2</sub> O <sub>3</sub> -B <sub>4</sub> C CERAMIC PHASE Hediye AYDIN, Remzi GÖREN, Ümit KOÇ
13:50-14:10	PREPARATION OF CARBON-SUPPORTED NANO TITANIUM DIOXIDE PARTICLES FOR PHOTOCATALYTICAL APPLICATIONS İlker ERDEM
14:10-14:30	TITANIUM BASED ALLOYS AND THEIR APPLICATIONS Mehmet KAYA,Ömer ÇAKMAK
14:30-14:50	THERMAL CYCLE STABILITY OF NiTi ALLOY AGED AT LOW TEMPERATURE Mehmet Kaya, Kadri Can Atlı
14:50-15:10	METALLIC FOAMS Musa Kılıç, Mehmet Kaya
<i>Session Chairman /Oturum Başkanı:Dr.Osman GÖKDOĞAN HALL 2 / SALON 2</i>	
13:30-13:50	REMOVAL OF METHYLENE BLUE FROM AQUEOUS SOLUTION USING ALGINATE AND ALGINATE/CLAY BEADS. Doha Berraouan, Abdesselam Tahani
13:50-14:10	INFLUENCE OF ADDITION OF PERLITE ON THE STRUCTURE OF CERAMIC WALL TILES Müge TARHAN
14:10-14:30	EFFECT OF LOCAL ALKALINE SOURCE IN VITREOUS CHINA BODY COMPOSITION INSTEAD OF ALBITE Baran TARHAN
14:30-14:50	EXPLORATION OF HEATING RATE EFFECT ON DEFECT MECHANISM IN YTTRIA Serdar Delice
14:50-15:10	CHARACTERIZATION OF SYNTHETIC HYDROXYAPATITES REINFORCEMENT EXPANDED PERLITE, TiO <sub>2</sub> , MgO AND P <sub>2</sub> O <sub>5</sub> Erdoğan KARİP and Mehtap MURATOĞLU
<i>Session Chairman /Oturum Başkanı:Doç.Dr.Tülay YILDIZ HALL 3 / SALON 3</i>	
13:30-13:50	IMPACT OF CURRENT DENSITY ON THE ELECTRICAL PROPERTIES OF POROUS SILICON FUEL CELL S. Güler, Ç. Oruç and H.M.Luş
13:50-14:10	ENHANCEMENT OF ELECTRICAL PROPERTIES VIA GRAPHENE COATING ON COPPER WIRES Çağlar ERDEM,Gülsüm ERSÜ,Merih PALANDÖKEN, Ahmet AYKAÇ, Mustafa EROL, Fethullah GÜNEŞ
14:10-14:30	SYNTHESIS OF ZnO NANOWIRES ON 3D GRAPHENE FOAM VIA HYDROTHERMAL METHOD Büşra BEŞLİ,Çağlar ERDEM, Irmak DOĞAN, Elif Simge TURGUT,Ahmet AYKAÇ, Mustafa EROL,Fethullah GÜNEŞ
14:30-14:50	COATING OF GLASS SURFACES WITH PERLITE Sevim ALIŞIR, Mevlüt GÜRBÜZ and Dileknur ODUN
<i>Session Chairman /Oturum Başkanı:Doç.Dr.Uğur ÇALIGÜLÜ HALL 4/ SALON 4</i>	
13:30-13:50	COMPARED WITH MICROWAVE AND THERMAL DIELS-ALDER CYCLOADDITION REACTION OF FURAN CORED COMPOUNDS Muhsin KARAARSLAN
13:50-14:10	CHARPY IMPACT BEHAVIOR OF NANO GRAPHENE REINFORCED HYBRID COMPOSITE LAMINATES

	Ahmet Erkliğ and Nurettin Furkan Doğan
14:10-14:30	<b>SYNERGIC EFFECT OF GRAPHENE FLAKE ON THE HEAT RELEASING PROPERTIES OF CARBON BASED POLYMER COMPOSITES</b> Eyyup Can Doluel, Ugur Kartal, <b>Metin Yurddaskal</b> , Erdal Celi
14:30-14:50	<b>PREPARATION OF REDUCED GRAPHENE OXIDE WITH HIGH SURFACE AREA</b> <b>Ferda Mindivan</b> , Meryem Gökteş and Harun Mindivan
14:50-15:10	<b>GREEN SYNTHESIS AND CHARACTERIZATION OF MODIFIED GRAPHENE OXIDE</b> <b>Ferda Mindivan</b> and Meryem Gökteş
<b>Session Chairman / Oturum Başkanı: Doç. Dr. Ali KAYA GÜR HALL 5 / SALON 5</b>	
13:30-13:50	<b>A NEW WALKING PERFORMANCE CRITERIA FOR ODE (OPEN DYNAMICS ENGINE) BASED SIX LEGGED ROBOT CONTROL</b> Şahin Yıldırım and Erdem Arslan
13:50-14:10	<b>EFFECT OF MECHANICAL MILLING ON CARBOTHERMAL REDUCTION OF MANGANESE OXIDE BY CARBONIZED TEA PLANT WASTE</b> <b>Elif ARANCI ÖZTÜRK</b> , Mustafa BOYRAZL <sup>b</sup> and Fahrettin YAKUPHANOĞLU
14:10-14:30	<b>SOĞUKTA SERTLEŞEN KOMPOZİT PELETLERİN MUKAVEMETİNE BAĞLAYICI KOMBİNASYONLARININ ETKİSİNİN İNCELENMESİ</b> <b>Elif ARANCI ÖZTÜRK</b> , Edip ERCEK, Ali ABO, Ezgi GÜLER, Fırat ELİBOL, Yağmur ADSIZ
14:30-14:50	<b>FIRLATMA MEKANİZMASINA SAHİP KOMPOZİT İNSANSIZ HAVA ARACI TASARIMI VE ÜRETİMİ</b> Hüseyin GERÇEKER, Doğanhan KONUK, Yıldırım Emre KESKİN, Kardelen ERCAN, Muhammed AKAY, <b>Mehmet Çağrı TÜZEMEN</b> , Elmas SALAMCI
14:50-15:10	<b>FARKLI YOĞUNLUKLARA SAHİP ATIK TÜLLERDEN ELDE EDİLEN KOMPOZİT MALZEMELERİN MEKANİK ÖZELLİKLERİNİN BELİRLENMESİ</b> <b>Benek HAMAMCI</b> , Tuğba AKTAŞ, Meltem ÇİFTÇİ
<b>Session Chairman / Oturum Başkanı: Doç. Dr. İlyas SOMUNKIRAN HALL 6 / SALON 6</b>	
13:30-13:50	<b>THE EFFECT OF ANNEALING TIME AND TEMPERATURE ON MORPHOLOGY AND SIZE OF TOPOLOGICALLY CLOSE PACKED PHASES IN Ni-BASED SINGLE CRYSTAL SUPERALLOY</b> <b>Erdem GÜNGÖR</b> , Gökhan GÜVEN, Bülent BAHADIR, Gökhan GÜNAY, Hüseyin AYDIN, Özgür DUYGULU and Havva Kazdal ZEYTİN
13:50-14:10	<b>EFFECT OF WITHDRAWAL RATE ON THE MICROSTRUCTURAL PROPERTIES OF A Ni-BASED SINGLE CRYSTAL SUPERALLOY</b> <b>Gökhan GÜNAY</b> , Bülent BAHADIR, Günay CANKURTARAN, Gökhan GÜVEN, Erdem GÜNGÖR, Hüseyin AYDIN, Metin USTA and Havva Kazdal ZEYTİN
14:10-14:30	<b>INCREASING THE PROCESSING EFFICIENCY OF POLYOLEFINS: PRODUCTION OF ORGANOCLAY AND ORGANOCLAY-FLUOROPOLYMER MASTERBATCHES</b> <b>Gökhan Ceyhan</b> , Elife Kaya
14:30-14:50	<b>THE INFLUENCE OF LASER TREATMENT ON HOT CORROSION RESISTANCE OF NEW GENERATION THERMAL BARRIER COATINGS</b> <b>Mustafa Guven GOK</b> and Gultekin GOLLER
14:50-15:10	<b>SYNTHESIS OF HYDROXYAPATITE WHISKERS AND MECHANICAL PROPERTIES OF HYDROXYAPATITE/HYDROXYAPATITE-WHISKER COMPOSITES</b> <b>ŞENOL AVCI</b>
<b>Session Chairman / Oturum Başkanı: Doç. Dr. Mehmet KAYA HALL 7 / SALON 7</b>	
13:30-13:50	<b>INVESTIGATION OF MECHANICAL BEHAVIOURS OF INTERMETALLIC MATERIALS PRODUCED BY SELF PROPAGATION HIGH TEMPERATURE SYNTHESIS</b> <b>Berk Can Yücel</b> , Neşe Öztürk Körpe
13:50-14:10	<b>ON THE PLANAR KINEMATIC USING DUAL QUATERNIONS</b> <b>Vahide Bulut</b>
14:10-14:30	<b>MECHANICAL PROPERTIES OF API 5L X70M GRADE STEEL PIPES PRODUCED BY SUBMERGED ARC WELDING METHOD WITH S2MOTIB WELDING WIRE</b> Volkan Sakar, Erdoğan Kanca, <b>Ali Günen</b>
14:30-14:50	<b>ELECTROCHEMICAL CORROSION BEHAVIOUR OF HA AND DOUBLE LAYER HA-Ti COATING ON MAGNESIUM SUBSTRATE</b> Ayşe Ergen, <b>Muhammet Karabaş</b> , Yusuf Kayalı, Yılmaz Taptık
14:50-15:10	<b>THE EFFECT OF ACID ETCHING TEMPERATURE ON THE SURFACE PROPERTIES OF Ti6Al4V</b> <b>Melis Yurddaskal</b> , Hülya Durmuş, Tuncay Dikici and Metin Yurddaskal
<b>15:10-15:30 COFFE BREAK / ÇAY-KAHVE ARASI</b>	
<b>SESSION 2 / OTURUM 2</b>	
<b>Session Chairman / Oturum Başkanı: Dr. Şenol AVCI HALL 1 / SALON 1</b>	
15:30-15:50	<b>EFFECT OF ETCHING TIME ON THE MORPHOLOGY OF POROUS SILICON STRUCTURES</b>

	<b>S. Güler, Ç. Oruç and H.M.Luş</b>
15:50-16:10	<b>THE STRATEGY OF COMPUTATIONAL FLUID DYNAMICS BY USING THE FINITE-VOLUME METHOD</b> Haci Sogukpinar , <b>Yusuf Başoğul</b> , Ali Keçebaş
16:10-16:30	<b>TiNi ŞEKİL BELLEKLİ ALAŞIMLARLA TAKVİYE EDİLMİŞ MAGNEZYUM BAZLI KOMPOZİTLERDE FAZ DÖNÜŞÜMLERİ</b> <b>Fevzi KELEN</b> , Tarık AYDOĞMUŞ ve Mehmet GAVGALI
16:30-16:50	<b>ESTIMATION OF AVIATION FUEL DEMAND OF TURKEY BY MLR AND GREY MODEL</b> Zeynep Ceylan, <b>Selim Ceylan</b> , Serol Bulkan
16:50-17:10	<b>CATALYTIC CO-PYROLYSIS OF COAL-MACROALGAE BLENDS USING LOW COST CATALYSTS IN FLUIDIZED BED REACTOR</b> Zeynep Yıldız, <b>Selim Ceylan</b> , Yıldırım Topcu
<b>Session Chairman /Oturum Başkanı: Dr.Erdoğan KANCA HALL 2 / SALON 2</b>	
15:30-15:50	<b>IMPORTANCE OF TEST SPEED ON TENSILE TESTING MACHINES AND ITS VERIFICATION</b> Bülent AYDEMİR, Haldun DİZDAR, <b>Cemal VATAN</b>
15:50-16:10	<b>EFFECT OF CONTROLLED MILLING ON THE SINTERING AND MECHANICAL BEHAVIOUR OF REFORMULATED BONE CHINA BODY</b> Elif KABAĞCI and Ahmet ÇAPOĞLU
16:10-16:30	<b>AISI 52100 RULMAN ÇELİĞİNİN ULTRASONİK TORNAMLANMASININ 2B SONLU ELEMANLAR ANALİZİ</b> <b>Salih AĞAR</b> , Nihat TOSUN
16:30-16:50	<b>2D FE ANALYSIS OF CUTTING TOOL GEOMETRY EFFECTS ON CUTTING FORCE AND TEMPRATURE</b> <b>Salih AĞAR</b> , Nihat TOSUN
16:50-17:10	<b>TEK EKSENLİ SICAK PRESLEME YÖNTEMİ İLE ÜRETİLMİŞ SAF MAGNEZYUM VE AZ91D ALAŞIMINDA MİKRO SERTLİK ÖZELLİKLERİNİN İNCELENMESİ</b> Tarik AYDOĞMUŞ , <b>Fevzi KELEN</b> ve Erhan AYDEMİR
<b>Session Chairman /Oturum Başkanı: Dr.Ebubekir ATAN HALL 3 / SALON 3</b>	
15:30-15:50	<b>POLYVINYL ALCOHOL COMPOSITE NANOFIBER MAT AND ITS PHOTOCATALYTIC DEGRADATION</b> <b>Özcan KÖYSÜREN</b> , Hafize Nagehan KÖYSÜREN
15:50-16:10	<b>COMPARISON OF THE WATER ABSORPTION PERFORMANS OF CORN SHELL PUMICE DUST FILLED AND UNFILLED EPOXY COMPOSITES</b> Menderes Koyuncu
16:10-16:30	<b>FLEXURAL BEHAVIOR OF NANO GRAPHENE REINFORCED HYBRID COMPOSITE LAMINATES</b> Ahmet Erklığ and Nurettin Furkan Doğan
16:30-16:50	<b>INVESTIGATION OF RHEOLOGICAL PROPERTIES OF THREE DIFFERENT PARTICLES SIZED 50% SILICON CARBIDE (SiC) LOADED POLYPROPYLENE (PP) MATRIX BASED COMPOSITES</b> <b>Nusret KAYA</b> , Ebubekir ATAN, Mücahit SÜTÇÜ, Şerafettin DEMİÇ
16:50-17:10	<b>INVESTIGATION OF FORCE AND MOMENT EFFECT OF ST 37 AND ST 70 ROOF LATTICE STEEL IN ANSYS PROGRAM</b> <b>Semih TAŞKAYA</b> , Bilgin ZENGİN, Kürşat KAYMAZ, Gökhan Şerif GÜNER
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Sedat KOLUKISA HALL 4 / SALON 4</b>	
15:30-15:50	<b>WORKHARDENING BEHAVIOR AND HARDNESS OF HIGH MANGANESE, AUSTENITIC, NONMAGNETIC (HADFIELD) CASTINGS</b> <b>Sedat KOLUKISA</b> , İlhan DİLEK
15:50-16:10	<b>OPTICAL AND ELECTRICAL PROPERTIES OF DOPED ZnO THIN FILMS</b> <b>Sibel Gürakar</b> , Emel Bulduk and Tülay Serin
16:10-16:30	<b>ELECTROCHEMICAL CORROSION BEHAVIOR OF NiCrBSi FLAME SPRAY COATING</b> <b>Ali Günen</b> , Yusuf Kanca, İsmail Hakkı Karahan, Mustafa Serdar Karakaş, Bülent Kurt, Müge Kalkandelen, Ahmet Çürük
16:30-16:50	<b>NANO ÖLÇEKLİ Ni-%25Al ALAŞIMINDA BOYUTA BAĞLI MARTENSİTİK FAZ DÖNÜŞÜM KARAKTERİSTİĞİNİN İNCELENMESİ</b> <b>Oğuzhan Orhan</b> , Soner Özgen
16:50-17:10	<b>AA7075 ALUMİNYUM MATRİSLİ AL<sub>2</sub>O<sub>3</sub> PARÇACIK TAKVİYELİ KOMPOZİT MALZEMENİN MİKRO YAPI VE MEKANİK ÖZELLİKLERİ</b> <b>Hakan GÖKMEŞE</b> , Zübeyde ÖZKAN
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Keriman PEKKAN HALL 5 / SALON 5</b>	
15:30-15:50	<b>YÜKSEK FIRIN CÜRUFUNUN SERAMİK YER KAROSU ÖZELLİKLERİNE ETKİLERİ</b> <b>Tuna Aydın</b>
15:50-16:10	<b>R<sub>2</sub>O<sub>3</sub> GRUBU OKSİTLERİN TEMMOKU SIRLARININ KİMYASAL DAYANIMINA OLAN ETKİSİNİN</b>

	<b>ARAŞTIRILMASI</b> Eda Taşçı, Keriman Pekkan, Yalçın Gün, Bekir Karasu
16:10-16:30	<b>CHARACTERIZATION OF ANORTHITE BASED CERAMICS PRODUCED FROM SUGAR BEET FILTER CAKE AND CLAY MIXTURES</b> Vacide Selin KAYA, Mücahit SÜTÇÜ
16:30-16:50	<b>THE EFFECT OF Fe<sub>2</sub>O<sub>3</sub> TO SLAG OF ZINC ORE AS A PIGMENT IN FAST-FIRED WALL TILE GLAZE</b> Eda Taşçı, Keriman Pekkan, Suna Yılmaz, Zahide Bayer Öztürk
16:50-17:10	<b>USAGE OF SLAG OF ZINC OREAS A PIGMENT IN SINGLE FAST FIRING GLAZE</b> Keriman Pekkan, Eda Taşçı, Suna Yılmaz, Zahide Bayer Öztürk
17:10-17:30	<b>SELF-ASSEMBLED ENZYME-INORGANIC HYBRID NANOSTRUCTURES AND THEIR CHARACTERIZATION</b> Cevahir Altinkaynak, Canan Gulmez, Nalan Özdemir, Onur Atakisi
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Çetin ÖZAY</b> <span style="float:right"><b>HALL 6 / SALON 6</b></span>	
15:30-15:50	<b>YENİ EL FRENİNİN TASARIMI VE ANALİZ AŞAMALARI</b> Kadir Çavdar, Serkan Özşahin, Ümit Yılmazoğlu, İsmail Kumpas, Tevfik Özgür
15:50-16:10	<b>FREN VE DEBRİYAJ PEDALLARININ TASARIMI VE ANALİZ AŞAMALARI</b> F.Yıldız Çavdar, Serkan Özşahin, Ümit Yılmazoğlu, İsmail Kumpas, Tevfik Özgür
16:10-16:30	<b>ANALYSIS AND DESIGN OF CHAOTIC PWM CONTROLLER FOR ELECTRIC DRIVERS</b> Günyaz Ablay
16:30-16:50	<b>CFD SIMULATION OF HEAT TRANSFER ENHANCEMENT OF AL<sub>2</sub>O<sub>3</sub>- WATER NANOFLUIDS IN AN AUTOMOTIVE RADIATOR</b> Gürcan Kamacı, Burak Tanyeri, Fatma Teber, Cengiz Öner
16:50-17:10	<b>THE CONTROL OF STEPPER MOTOR-FED PHOTOVOLTAIC SYSTEM BY USING PIC16F84A</b> Ayşe Kocalmis Bilhan
17:10-17:30	<b>THE DESIGN AND MANUFACTURE OF MULTI LAYER OVEN LINE FOR THE NATURAL STONE SECTOR</b> Abdulcelil Kılınc, Mukadder Karaman, Çağrı Yalcınkaya, Ahmet Hamit Dal, Erdoğan Coban, Ceren Gode
20:30-23:00	<b>GALA</b> <b>Mehteran Show-Mehteran gösterisi (HallHomeros /Salon Homeros)</b>
<b>11APRIL 2018-11 NİSAN 2018</b>	
<b>SESSION 3 / OTURUM 3</b>	
<b>Session Chairman /Oturum Başkanı:Dr.Nida KATI</b> <span style="float:right"><b>HALL 1 / SALON 1</b></span>	
08:50-09:10	<b>BOR KARBÜR (B<sub>4</sub>C) VE SİLİSYUM KARBÜR (SiC) TOZLARININ AISI4140 ISLAH ÇELİĞİ YÜZEYİNE PTA YÖNTEMİYLE MODİFİKASYONU</b> Engin ÜNAL, Furkan SARSILMAZ ve Faruk KARACA
09:10-09:30	<b>THE EFFECT OF WELDING POWER IN JOINING WITH PTA WELDING METHOD OF AISI 304 / HARDOX 400 STEEL COUPLE</b> Ali Kaya GÜR, Tülay YILDIZ, Nida KATI, Çetin ÖZAY, Fevzi Ataman Bilen
09:30-09:50	<b>EFFECT OF CHROME-BORON ON TYPICAL PROPERTIES OF SUBMERGED ARC WELDING TECHNIQUE</b> Mustafa Kaptanoğlu, Mehmet Eroğlu
09:50-10:10	<b>THE EFFECT OF THE AMPERE VALUES IN THE PLASMA TRANSFER ARC WELDING OF OPTIM 700 MC-St37 MATERIALS</b> Uğur Çalgülü, Mustafa Türkmen, Mahmut Gökdaş, Ebru Tufanoğlu
10:10-10:30	<b>ANALYSIS OF TEMPERATURE DISTRIBUTION BETWEEN TOOL AND WORKPIECE OF AL PLATES BY FRICTION STIR WELDING WITH FINITE ELEMENT METHOD</b> Furkan Sarsılmaz, Faruk Karaca and Engin Ünal
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Eda TAŞÇI</b> <span style="float:right"><b>HALL 2 / SALON 2</b></span>	
08:50-09:10	<b>THE INVESTIGATION OF THE EFFECTS OF PHENOLIC RESIN AND WASTES PYROLYTIC LIQUIDS ON THE MECHANICAL BEHAVIOURS OF MgO-C REFRACTORIES</b> Tuba BAHTLI, Derya Yeşim HOPA and Veysel Murat BOSTANCI
09:10-09:30	<b>EFFECT OF PHOSPHORESCENCE PIGMENT ADDITION ONTO GLAZE-BODY PROPERTIES IN TRADITIONAL TILE GLAZES</b> Keriman Pekkan, Yalçın Gün
09:30-09:50	<b>INVESTIGATION OF BASALT ADDITION TO OPAQUE POTTERY GLAZE</b> Elif Eren Gültekin
09:50-10:10	<b>EFFECT OF INTERLAYER BETWEEN THE GLAZE AND BODY ON THE PYROPLASTIC DEFORMATION OF BONE CHINA</b> Fazilet GÜNGÖR and Berda ALTUN

10:10-10:30	<b>EFFECT OF BODY COMPOSITION ON THE CRYSTALLIZATION BEHAVIOR OF ZnO AND CuO BASED GLAZE</b> Fazilet GÜNGÖR, Handan ÇATIR
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Oktay ERDOĞAN HALL 3 / SALON 3</b>	
08:50-09:10	<b>STATUS OF PLANT PROTECTION MACHINERY IN TURKEY</b> Oktay Erdoğan, Osman Gökdoğan, Mehmet Fırat Baran
09:10-09:30	<b>HISTORIC DEVELOPMENT OF TRACTORS AND AGRICULTURAL MACHINERY IN TURKEY</b> Osman Gökdoğan, Oktay Erdoğan, Mehmet Fırat Baran
09:30-09:50	<b>ASANSÖRLER İÇİN KADEMELİ FREN GELİŞTİRİLMESİ</b> Kadir Çavdar, Fatih C. Babalık, Yasin Üskül, Nizamettin Yılmaz
09:50-10:10	<b>EFFECT ON IRON STEEL INDUSTRY OF ACCREDITED LABORATORY - SECTOR ANALYSIS</b> Murat Kavruk, Müzeyyen Abunaz, Bülent Aydemir
10:10-10:30	<b>ENDÜSTRİ 4.0'A UYGUN EĞİTİM SETLERİNİN GELİŞTİRİLMESİ</b> Kadir Çavdar, Mustafa Dağdelen, Mustafa Karataş
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Çetin ÖZAY HALL 4 / SALON 4</b>	
08:50-09:10	<b>EFFECT OF BORO-SINTERING PROCESS ON MICROSTRUCTURE AND PHASE FORMATIONS OF P/M AISI 1010 STEEL</b> Ali Günen, Vahdettin Koç, Erdoğan Kanca, Mustafa Sabri Gök, Bülent Kurt, Ersan Kırar, Mehmet Demir
09:10-09:30	<b>PASLANMAZ AISI 304L ÇELİĞİ İÇİN ABKANT BÜKÜM PARAMETRELERİNİN BELİRLENMESİ</b> Fatih Aydemir, Betül Gülçimen Çakan, Ali Durmuş, Kadir Çavdar
09:30-09:50	<b>THE EFFECT OF FOUNDRY SAND COMPONENTS ON THE MICROSTRUCTURE AND MECHANICAL PROPERTIES OF PIG IRON</b> Sevim ALIŞIR, Mehmet YAZICI, Sinem ÜZGÜR and Hasan İŞLEK
09:50-10:10	<b>D3 TAKIM ÇELİĞİNİN TEĞETSEL SİLİNDİRİK TAŞLAMA YÖNTEMİ İLE İŞLENMESİNDE TALAŞ KALDIRMA ORANININ ARAŞTIRILMASI</b> Çetin ÖZAY, Hasan BALLIKAYA, Vedat SAVAŞ, Mehmet ALTUĞ
10:10-10:30	<b>INVESTIGATION OF SURFACE ROUGHNESS OF Ç1040 MATERIAL PROCESSED BY TANGENTIAL CYLINDRICAL GRINDING METHOD</b> Çetin ÖZAY, Hasan BALLIKAYA, Vedat SAVAŞ, Mehmet ALTUĞ
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Bülent BOSTAN HALL 5 / SALON 5</b>	
08:50-09:10	<b>THE MECHANICAL PROPERTIES AND CHARACTERISTICS OF DP450-DC04 STEEL JOINTS COMBINED WITH REMOTE LASER AND RESISTANCE SPOT WELDING TECHNIQUES</b> E. Halit Çebi, Yavuz Keleş, Mert Onan and Hüseyin Uzun
09:10-09:30	<b>PVD KAPLAMA TEKNİĞİ İLE ELDE EDİLEN TİTANYUM OKSİT İNCE FİMLERİN ÖZELLİKLERİ</b> Şengül DANIŞMAN, Tuba DEMİREL
09:30-09:50	<b>COMPARING THE MECHANICAL RESPONSE OF Al 7075 AND Al 7068</b> Kadir Kaan Karaveli, Berkay Gümüş and Burak Bal
09:50-10:10	<b>PRODUCTION AND CHARACTERIZATION OF TWO DIFFERENT TITANIUM-NIOBIUM ALLOYS</b> E. Dokumacı, Ö. Özen, B. Özkaraoğlu, E. Çiftçi, F. Yenigün
10:10-10:30	<b>CHARACTERIZATION OF A-RHOMBEHEDRAL BORON POWDER SYNTHESISED FROM GAS PHASE</b> Meltem Bolluk and İsmail Duman
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Zahide BAYER ÖZTÜRK HALL 6 / SALON 6</b>	
08:50-09:10	<b>Al 7075 MATRİSLİ FONKSİYONEL DERECELENDİRİLMİŞ KÖPÜK MALZEME ÜRETİMİ</b> Uğur Gökmen, Arif Uzun, Halil Karakoç, Hanifi Çinici
09:10-09:30	<b>ENERGY SAVING SANITARYWARE PRODUCTS</b> Nazım Kunduracı
09:30-09:50	<b>İZMİR İLİNİN RÜZGAR ENERJİSİ POTANSİYELİNİN ANALİZİ</b> Emre BALCI, Beytullah ERDOĞAN, İbrahim ZENGİN
09:50-10:10	<b>A REVIEW - NANOSTRUCTURED SYSTEMS FOR HYDROGEN STORAGE APPLICATIONS</b> Celal AVCIOĞLU
10:10-10:30	<b>BİR HALTER SPORCUSUNUN KOL HAREKETİNİN KİNEMATİK ANALİZİ</b> Faruk KARACA
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Murat ESKİL HALL 7 / SALON 7</b>	
08:50-09:10	<b>DETERMINATION OF OPTIMUM WINDOW TYPE FOR ANTALYA AND KARS BY THE FINITE ELEMENT METHOD</b> Cihad FİDAN, Salih AĞAR
09:10-09:30	<b>SUSTAINABLE GEOTHERMAL AGRICULTURE POTENTIAL OF ADIYAMAN PROVINCE</b> Yusuf BAŞOĞUL

09:30-09:50	<b>THERMOPLASTIC ELASTOMER BUMPER BEAMS IN REVIEW: ADVANTAGES AND DISADVANTAGES</b> Merve YİĞİTER
09:50-10:10	<b>MECHANICAL AND THERMAL PROPERTIES OF GRAPHEN AND CARBON NANOTUBE REINFORCED EPOXY ADHESIVES</b> Yasin OZDEMIR, Necati ATABERK and Mürsel EKREM
10:10-10:30	<b>COMPUTER AIDED HEAT INTEGRATION: MINIMUM ENERGY TARGETING</b> Volkan Ramazan Akkaya and Musa Özkan
<b>Session Chairman /Oturum Başkanı: Prof. Dr. İbrahim YILMAZ HALL 8 / SALON 8</b>	
08:50-09:10	<b>DEVELOPMENT OF ION SELECTIVE ELECTRODES FOR HYDROGENE ION SENSING BASED ON TRIPODAL RECEPTORS</b> Sukriye Nihan Karuk Elmas, Alaaddin Çukurovalı, İbrahim Yılmaz
09:10-09:30	<b>FTIR SPECTROSCOPY COMBINED MULTIVARIATE DATA ANALYSIS BASED PROTEIN, FAT, ASH AND MOISTURE CONTENTS ASSAY FOR CEREAL FLOURS</b> Fatma Nur Arslan, Gonul Akin, Atike Serin, Sukriye Nihan Karuk Elmas, Adnan Kenar, Birol Uner and İbrahim Yılmaz
09:30-09:50	<b>COUMARIN BASED TURN-OFF FLUORESCENT CHEMOSENSOR FOR THE SELECTIVE AND SENSITIVE DETERMINATION OF Cu<sub>2+</sub> IONS</b> Şükriye Nihan KARUK ELMAS, İbrahim YILMAZ, Furkan OZEN, Kenan KORAN, Ahmet Orhan GORGULU
09:50-10:10	<b>KAYNAK PARAMETRELERİNİN NOKTA DİRENÇ KAYNAKLI DP600 ÇELİĞİNİN MİKROYAPI VE SERTLİĞİNE ETKİLERİ</b> Bilge DEMİR ve Muhammed ELİTAŞ
10:10-10:30	<b>ELEKTROT BASINCININ NOKTA DİRENÇ KAYNAKLI DP1000 ÇELİĞİNİN MİKROYAPI VE SERTLİĞİNE ETKİLERİ</b> Bilge DEMİR, Muhammed ELİTAŞ, Okan BALCI, Haşem YARIMDUNYA, Furkan AKSOY
10:30-10:50	<b>COFFE BREAK / ÇAY-KAHVE ARASI</b>
<b>SESSION 4 / OTURUM 4</b>	
<b>Session Chairman /Oturum Başkanı: Prof. Dr. Sezen AKSÖZ HALL 1 / SALON 1</b>	
10:50-11:10	<b>SICAK PRESLEME METODUYLA ÜRETİLMİŞ 85/15 BRONZ/Nİ KOMPOZİTİNDE SİNERLEME SICAKLIĞI VE BASINCININ ELEKTRİKSEL İLETKENLİĞE ETKİSİ</b> Tülay YILDIZ, Ali Kaya GÜR, Sermin OZAN, Nida KATI, Nafiz BOZKURT
11:10-11:30	<b>EFFECTS OF Al, Ag, Sb ELEMENTS ON MICROSTRUCTURE, THERMAL AND MECHANICAL PROPERTIES OF Zn-Sn-Cu-Bi HIGH TEMPERATURE LEAD-FREE SOLDERS</b> Sezen AKSÖZ, Pınar ATA ESENER, Esra ÖZTÜRK, Necmettin MARAŞLI
11:30-11:50	<b>MODEL DEVELOPMENT OF A DIELECTRIC ELASTOMER ACTUATOR VIA FINITE ELEMENTS</b> Emin SUNBULOGLU, Azamet KARAOGLAN, Zumrat USMANOVA and Fatih YAMAK
11:50-12:10	<b>FATIGUE ANALYSIS OF RAILWAY ROLLING STOCK – SOME ASPECTS OF APPLICATIONS AND USE OF FINITE ELEMENT ANALYSES</b> Emin SUNBULOGLU and S. Ergun BOZDAG
12:10-12:30	<b>APPLICATION OF MASS FLUXES FOR PRESSURE BOUNDARY CONDITIONS IN LATTICE BOLTZMANN METHOD</b> Nevsan Sengil and Fadile Yudum Cömez
<b>Session Chairman /Oturum Başkanı: Doç. Dr. Oktay ERDOĞAN HALL 2 / SALON 2</b>	
10:50-11:10	<b>DESIGN OF MAGNETIC TWEEZERS FOR SINGLE MOLECULE MANIPULATION</b> M. Ali Canlılar, F. Tarek Selim, Ahmet Payas, Mustafa Böyük, Kutay İçöz, Günyaz Ablay
11:10-11:30	<b>DESIGN AND MANUFACTURE PROTOTYPE OF THE NEW GENERATION HIGHLY AUTOMATED BRUSHING MACHINE, WHICH WILL PROVIDE THE BEST QUALITY FLANNEL FABRIC IN HOME TEXTILE WITH HIGH SPEED, SINGLE PASS, EFFECTIVELY AND ENERGY EFFICIENTLY</b> İlker Ertuna, Mustafa İnalöz, Nazlı Yoldaşoğlu, Fatma İpek, Aslı Atar, Ceren Göde
11:30-11:50	<b>THERMOECONOMIC ANALYSIS OF A COGENERATION SYSTEM</b> Yakup Sen and Omer Kaynaklı
11:50-12:10	<b>ID MODELLING AND SIMULATING OF WET CLUTCH FOR TRANSMISSION CONTROLLED BY PROPORTIONAL VALVE</b> Ali Evren YEL and Prof. Haydar Livatyalı
12:10-12:30	<b>THE INVESTIGATION OF THE EFFECT OF DISHED HEAD CRASH BOXES WITH DIFFERENT TAPER ANGLES ON CRUSH FORCE EFFICIENCY AND SPECIFIC ENERGY ABSORPTION CAPACITY</b> Murat ALTIN, Serdar HALİS, Çağatay NACAĞ, Merve GÖK
<b>Session Chairman /Oturum Başkanı: Doç. Dr. Mehmet KAYA HALL 3 / SALON 3</b>	
10:50-11:10	<b>CAM ELYAF TAKVIYELİ POLİMER (CETP) KOMPOZİT MALZEMELERİN DELİNMESİNDE OLUŞAN SICAKLIK VE KUVVETİN İNCELENMESİ</b>

	<b>Engin ÜNAL</b>
11:10-11:30	<b>PREPARATION AND CHARACTERIZATION OF PEO BASED POLYMER ELECTROLYTE MEMBRANES CONTAINING A NEW IONIC LIQUID</b> Ayşe Erciyes, Engin Burgazand Müberra Andaç, Ömer Andaç
11:30-11:50	<b>MOF/POLİMER MEMBRANLARIN FARKLI BASINÇLARDA H<sub>2</sub> GEÇİRGENLİĞİNE ETKİSİ</b> Hülya Aykaç Özen, Bahtiyar Öztürk
11:50-12:10	<b>STEARİK ASİDİN MİKROKAPSÜLASYON ÇALIŞMALARI VE YAPISAL KARAKTERİZASYONU</b> Zuhar KARAGÖZ GENÇ, Seyfeddin YILMAZ, Vahdettin KOÇ, Murat GENÇ
12:10-12:30	<b>PREPARATION OF PEDOT:PSS POWDER DOPED WITH BORAX</b> Özlem Yağci
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Amir A. Shirzadi HALL 4/ SALON 4</b>	
10:50-11:10	<b>SOLID-STATE DIFFUSION BONDING AND ITS APPLICATIONS IN AIRCRAFTS, ELECTRIC CARS, VACUUM SYSTEMS AND NUCLEAR POWER PLANTS</b> Amir A. Shirzadi
11:10-11:30	<b>DESIGN PARAMETERS AFFECTING THE CYCLABILITY OF CONVERSION-TYPE LITHIUM-ION BATTERY ANODES</b> Muharrem Kunduracı
11:30-11:50	<b>INVESTIGATION OF OVERALL EFFICIENCY IMPROVEMENTS AND SAVING OPPORTUNITIES FOR AN INDUSTRIAL BOILER</b> Erhan Kayabasi, Enes Kılınc, Rahman Çalhan, Ahmet Canan, Abdulsamed Tabak, Zafer Şahin, Kamil Arslan, Mehmet Özkaymak, Mehmet Özalp
11:50-12:10	<b>DESIGN AND ANALYSIS STEPS OF NEW COMPOSITE PALET FOR LOGISTIK SECTOR</b> Kadir Çavdar, Serkan Soncu, Erkut Yavuz, F. Yıldız Çavdar
12:10-12:30	<b>INFLUENCE OF DESIGN ON HOLLOW-DRAIN CAST ZONE DEFECTS OF CERAMIC SANITARYWARE</b> Taykurt Daday Mine and Daday Mustafa
<b>Session Chairman /Oturum Başkanı: Doç.Dr. Volkan KIRMACI HALL 5 / SALON 5</b>	
10:50-11:10	<b>TEXTURAL PROPERTIES OF CERIUM, IRON, COPPER AND/OR MANGANESE INCORPORATED Ti-PILLARED BENTONITES</b> Funda Turgut Basoglu
11:10-11:30	<b>CATALYTIC PROPERTIES OF Ti-PILLARED BENTONITES AND ACTIVITY TEST FOR ETHANOL OXIDATION REACTION</b> Funda Turgut Basoglu
11:30-11:50	<b>MECHANICAL PROPERTIES OF FIBER REINFORCED POLYMERS FOR STRUCTURAL STRENGTHENING</b> İbrahim Baran Karasin, Ercan Işık, Mehmet Emin Öncü and Abdulhalim Karasin
11:50-12:10	<b>EFFECTIVENESS OF FRP MATERIALS FOR STRENGTHENING CONCRETE COLUMNS</b> Abdulhalim Karasin, Sultan Erdemli Günaslan, İbrahim Baran Karasin and Ozan Özbek
12:10-12:30	<b>ROLE OF FUMED SILICA AND CURE TIME IN THE MICROSTRUCTURE GEOPOLYMER MATERIAL FOR HEAT INSULATION</b> Uğur KUT, İskender IŞIK
<b>Session Chairman /Oturum Başkanı: Dr.Onur ERTUĞRUL HALL 6 / SALON 6</b>	
10:50-11:10	<b>WEAR PROPERTIES OF Cu-Mo COATINGS PRODUCED BY PLASMA SPRAY TECHNIQUE</b> Serkan ISLAK, Özkan ESKİ and Cihan ÖZORAK
11:10-11:30	<b>INVERTASE IMMOBILIZATION ON COPOLYMERS OF BUTYL ACRYLATE-N-METHYLOL ACRYLAMIDE</b> Hidayet MAZI and Orhun HAKKOYMAZ
11:30-11:50	<b>INVESTIGATION OF EFFECT ON THE CONTACT STRESS OF GEAR ROTATIONAL SPEED IN HELICAL GEARS</b> Faruk KARACA Furkan SARSILMAZ, Engin ÜNAL ve Vedat TAŞDEMİR
11:50-12:10	<b>ELAZIĞ YÖRESİ MERMER ÇEŞİTLERİNİN ABRASİV SU JETİ İLE KESME İŞLEM PARAMETRELERİNİN OPTİMİZASYONU</b> Engin ÜNAL, Furkan SARSILMAZ ve Faruk KARACA
12:10-12:30	<b>BENDING VIBRATION OF A SHIP SHAFT</b> Şevki AKKOCA, Süleyman Murat BAĞDATLI
<b>Session Chairman /Oturum Başkanı: Dr. Kadri Can ATLI HALL 7 / SALON 7</b>	
10:50-11:10	<b>EFFECT OF MONOTONIC DEFORMATION ON THE DAMPING CAPACITY OF NiTi SHAPE MEMORY ALLOYS</b> Kadri Can Atlı and Mehmet Kaya
11:10-11:30	<b>LOCALIZED OXIDATION AND CORROSION BEHAVIOR OF BIOMEDICAL NiTi SHAPE MEMORY</b>

	<b>ALLOYS IN RELATION TO THEIR MICROSTRUCTURAL FEATURES</b> Sıdıka Mine Toker and Demircan Canadınç
11:30-11:50	<b>GÖZENEKLI TiNbSn ALAŞIMININ ÜRETİMİ VE METALÜRJİK ÖZELLİKLERİNİN İNCELENMESİ</b> Mehmet KAYA, Ömer ÇAKMAK
11:50-12:10	<b>GÖZENEKLI TiZr ALAŞIMININ ÜRETİMİ VE MIKROYAPISININ İNCELENMESİ</b> Mehmet KAYA, Abdurrahman Akkuş, Ömer ÇAKMAK
12:10-12:30	<b>EFFECT OF AGING TEMPERATURE ON PHASE TRANSFORMATION KINETICS OF NICKEL-RICH NiTi ALLOY</b> Mehmet Kaya, Kadri Can Atlı
<b>Session Chairman / Oturum Başkanı: Doç. Dr. Emre YALAMAÇ HALL 8 / SALON 8</b>	
10:50-11:10	<b>MIKRODALGA DESTEKLİ 2-HEPTADESİL-1,4,5,6-TETRAHİDROPRİMİDİN BİLEŞİĞİNİN SENTEZİ VE YENİ NESİL FAZ DEĞİŞTİRİCİ MALZEME OLARAK KULLANILABİLİRLİĞİNİN İNCELENMESİ</b> Murat GENÇ
11:10-11:30	<b>SYNTHESIS AND CHARACTERIZATION OF Li<sub>2</sub>FeZr(PO<sub>4</sub>)<sub>3</sub></b> Gulsah CELİK GUL
11:30-11:50	<b>RE(Y, Er, Gd, La, Nd, Sm, Dy)-DOPED SrBPO<sub>5</sub> COLORFUL PHOSPHORS: DEFINITION OF STRUCTURAL UNIT CELL PARAMETERS AND OPTICAL PROPERTIES</b> Gulsah CELİK GUL and Figen KURTULUS
11:50-12:10	<b>SYNTHESIS AND OPTICAL CHARACTERIZATION OF GOLD NANOPARTICLES - ZnS COMPOSITES</b> Nursel CAN
12:10-12:30	<b>LOW TEMPERATURE SYNTHESIS OF B<sub>4</sub>C: INFLUENCES OF CITRIC ACID ADDITION</b> Suna AVCIOĞLU, Figen KAYA and Cengiz KAYA
12:30-13:30	<b>LUNCH/ÖĞLE YEMEĞİ</b>
<b>SESSION 5 / OTURUM 5</b>	
<b>Session Chairman / Oturum Başkanı: Doç. Dr. Murat ESKİL HALL 1 / SALON 1</b>	
13:30-13:50	<b>SYNTHESIS AND CHARACTERIZATION OF NiMn BASED SHAPE MEMORY ALLOYS</b> Murat ESKİL, Serkan DAL, Bülent Kurt, Bilal Demirel, Kemal Aldaş, Cemal Çarboğa
13:50-14:10	<b>PHASE TRANSFORMATIONS ON NiMn BASED SHAPE MEMORY ALLOYS</b> Murat ESKİL, Serkan DAL, Bülent Kurt, Kemal Aldaş, Bilal Demirel
14:10-14:30	<b>INVESTIGATION OF WEAR BEHAVIOUR OF DIFFERENT MIKROALLOYING BORON ADDED AISI 4140 STEEL</b> Mohammad Amin ARMAN Cemal ÇARBOĞA, Yusuf KARACA
14:30-14:50	<b>MICROSTRUCTURE AND MECHANICAL PROPERTIES OF 304 STAINLESS STEEL WITH DIFFERENT PROPORTIONS OF BORON ADDED</b> Cemal ÇARBOĞA, Yusuf KARACA, Nezihe ERZİN, Serkan DAL, Khangardash ASKEROV
14:50-15:10	<b>INVESTIGATION OF THE CORROSION MECHANISM OF TWIN ROLL CAST 8006 ALUMINUM ALLOYS USING ELECTROCHEMICAL IMPEDANCE SPECTROSCOPY</b> Taha Yasin Eken, Cevat Sarioglu and Israfıl Kucuk
<b>Session Chairman / Oturum Başkanı: Dr. Nilüfer KÜÇÜKDEVECİ HALL 2 / SALON 2</b>	
13:30-13:50	<b>CORROSION BEHAVIOR OF Ti-16Nb-10Zr-(0-15)Ta ALLOYS IN SIMULATED BODY FLUID</b> E. Yılmaz, A. Gökçe, F. Fındık, H. Ö. Gülsoy
13:50-14:10	<b>ANKARA ŞEKER FABRİKASI SOĞUTMA KULESİ SUYUNDA ST 37.2, AISI 304L VE AISI 316L KALİTE ÇELİKLERİNİN KOROZYON DAVRANIŞLARININ İNCELENMESİ</b> H.D. Ada, S. Altanlar, A. Akbulut
14:10-14:30	<b>KEMİK DOKU MÜHENDİSLİĞİ UYGULAMALARI İÇİN ÜRETİLMİŞ NANO-HİDROKSİAPATİT-UHMPE POLİETİLEN KOMPOZİTLERİN MEKANİK ÖZELLİKLERİNİN ARAŞTIRILMASI</b> Furkan SARSILMAZ Hülya KURŞUN
14:30-14:50	<b>INVESTIGATION OF THE BIODEGRADATION OF HIGHLY POROUS Mg ALLOY SCAFFOLD</b> Begum Tugul, Tugba Uce, Bilge Turetken, Ilven Mutlu
14:50-15:10	<b>DETERMINATION OF NANO ETCHING PARAMETERS TO IMPROVE OPTICAL PROPERTIES OF SILICON SOLAR CELL</b> Erhan KAYABASI, Savaş ÖZTÜRK, Nilay KÜÇÜKDOĞAN
<b>Session Chairman / Oturum Başkanı: Dr. Osman GÖKDOĞAN HALL 3 / SALON 3</b>	
13:30-13:50	<b>PREPARATION AND CHARACTERIZATION OF MESOPOROUS MCM-41 MATERIAL: COMPARISON OF CATALYTIC ACTIVITIES OF HETEROGENEOUS ALKOXIDE GRAFTED MCM-41 CATALYSTS</b> Burcu Uysal Karatas
13:50-14:10	<b>INFLUENCE OF FILLER PARTICLE SIZE ON IMPACT FRACTURE MORPHOLOGICAL AND</b>

	<b>THERMAL CHARACTERIZATION OF HIGH-DENSITY POLYETHYLENE</b> <b>Harun SEPET</b> , Necmettin Tarakcioglu
14:10-14:30	<b>PREPARATION OF POLYMER ELECTROLYTE FILMS USING TWO DIFFERENT TYPES OF IONIC LIQUIDS</b> Ayşe Erciyes, Engin Burgazand Müberra Andaç, Ömer Anda
14:30-14:50	<b>EXAMINATION OF THE YAW-ANGLE BIAS IN THREE-DIMENSIONAL BOUNDARY LAYERS</b> <b>Musa Özkan</b> ,Volkan R. Akkaya and Peter J. Thomas
14:50-15:10	<b>RECEIVER POSITION DETERMINATION ALGORITHM FOR THE PASSIVE RADAR METEOR ECHO OBSERVATIONS</b> <b>Burak TÜYSÜZ</b>
<b>Session Chairman /Oturum Başkanı: Doç.Dr. Serkan ISLAK HALL 4/ SALON 4</b>	
13:30-13:50	<b>S355J0 KALITE ÇELİK SU BORULARININ CONTA KAYNAK YÖNTEMİ İLE BİRLEŞTİRİLEBİLİRLİĞİ</b> Hakan ADA, Sinan AKSOZ, <b>Alpay OZER</b> , İlhan CANDAN
13:50-14:10	<b>S355J0 KALITE ÇELİK SU BORULARININ GAZALTI VE TOZALTI KAYNAK YÖNTEMLERİ KOMBİNASYONU İLE CONTA KAYNAĞI</b> Hakan ADA, <b>Alpay OZER</b> , İlhan CANDAN, Sinan AKSOZ
14:10-14:30	<b>1000°C DE TERMOREAKTİF DİFÜZYON YÖNTEMİYLE YÜZEYİ CrC KAPLANMIŞ GGG70 DÖKME DEMİRİN SERTLİK VE MİKROYAPI ÖZELLİKLERİ</b> İlyas SOMUNKIRAN, Soner BUYTOZ, Fethi DAĞDELEN and Mustafa KANDIRAN
14:30-14:50	<b>DRY SLIDING WEAR BEHAVIOR OF ZrC REINFORCED Mg ALLOYS</b> Akın Odabaşı, Hülya Kaftelen Odabaşı
14:50-15:10	<b>EXPERIMENTAL INVESTIGATION OF DIFFERENT HARD CARBIDE LAYERS COATED BY FLAME SPRAY TECHNIC ON 90MnCrV8</b> Koray Kılıçay, İsmail Bayar, Esad Kayac, Mustafa Ulutan
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Sermin OZAN HALLS / SALON 5</b>	
13:30-13:50	<b>MATERIAL SELECTION FOR KNEE EXOSKELETON FRAME</b> Hina Najam, <b>Burak Bal</b> and Ramazan Ünal
13:50-14:10	<b>DESIGN INTERSECTION BETWEEN MATERIALS AND FLOW DYNAMICS: FORCE EQUILIBRIUM OF FLOATS AND RECENT WORKS</b> Ali ATEŞ, Eyüb CANLI
14:10-14:30	<b>COMPARISON OF CFD VISCOUS FLOW MODELS FOR DETERMINATION OF THE DRAG COEFFICIENT OF A ROTAMETER FLOAT</b> Ali ATEŞ, Eyüb CANLI
14:30-14:50	<b>CFD INVESTIGATION OF EFFECT OF HONEYCOMB CELL SIZES AND OPERATING CONDITIONS ON LEAKAGE FLOW</b> İbrahim ZENGİN, Beytullah ERDOĞAN
14:50-15:10	<b>INVESTIGATION OF HEAT TRANSFER AND FLOW PERFORMANCE OF SiO<sub>2</sub>-WATER NANOFLUIDS IN AN AUTOMOTIVE COOLING SYSTEM</b> Burak Tanyeri , Gürcan Kamacı, <b>Fatma Teber</b> , Cengiz Öner
<b>Session Chairman /Oturum Başkanı: Volkan KIRMACI HALL 6 / SALON 6</b>	
13:30-13:50	<b>EXPERIMENTAL ANALYSIS OF PERFORMANCE OF SINGLE AND TWO SERIAL CONNECTED RANQUE-HILSCH VORTEX TUBE</b> Hüseyin KAYA, Volkan KIRMACI, Fahrettin GÜNVER
13:50-14:10	<b>EXPERIMENTAL ANALYSIS OF PERFORMANCE OF TWO PARALLEL CONNECTED RANQUE-HILSCH VORTEX TUBE USING OXYGEN</b> Volkan KIRMACI, Hüseyin KAYA, Fahrettin GÜNVER
14:10-14:30	<b>EXPERIMENTAL ANALYSIS OF PERFORMANCE OF SINGLE AND TWO SERIAL CONNECTED RANQUE-HILSCH VORTEX TUBE USING OXYGEN</b> Volkan KIRMACI, Hüseyin KAYA, Fahrettin GÜNVER
14:30-14:50	<b>PALMITİK/DEKANOİK ÖTEKTİK KARIŞIMI İLE ELDE EDİLEN FAZ DEĞİŞTİRİCİ MALZEMENİN TERMAL ÖZELLİKLERİ</b> Vahdettin KOÇ, Zuhal KARAGÖZ GENÇ, Seyfeddin YILMAZ
14:50-15:10	<b>EFFECTS ON HARDNESS OF SINTERING AND SOLUTION TEMPERATURES ON Ni-RICH NiTi ALLOYS</b> <b>Sinan AKSÖZ</b> and Bülent BOSTAN
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Uğur ÇALIGÜLÜ HALL 7 / SALON 7</b>	
13:30-13:50	<b>RECOVERY OF COPPER FROM BLENDED COPPER SLAG USING ROLLING MILL SCALE</b> M. Deniz TURAN, Ashıhan DEMİRASLAN, Z. Abidin SARI, Hasan NİZAMOĞLU
13:50-14:10	<b>EXTRACTION OF METALS FROM CHALCOPYRITE IN THE PRESENCE OF TITRIPLEX(III) BY</b>

	<b>USING HYDROGEN PEROXIDE</b> M. Deniz TURAN, Zeynel Abidin SARI, Hasan NİZAMOĞLU, <b>Aslıhan DEMİRASLAN</b>
14:10-14:30	<b>CFD ANALYSIS OF IONANOFLUIDS FLOW AND CONVECTIVE HEAT TRANSFER IN CIRCULAR PIPE</b> Meltem Yiğit, Mutlu Tekir, Engin Gedik, Kamil Arslan
14:30-14:50	<b>EFFECT OF MICROWAVE POWER, IRRADIATION DOSE, AND STORAGE TIME ON THE SIGNAL INTENSITIES OF GAMMA IRRADIATED TOLFENAMIC ACID</b> Kerem Sütçü
14:50-15:10	<b>IMPROVEMENT OF HYDROGEN PERMEABILITY WITH MIXED-MATRIX MEMBRANES CONTAINING METAL DOPED MOF-5</b> Hülya Aykaç Özen, Bahtiyar Öztürk
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Bilal DEMİREL HALL 8 / SALON 8</b>	
13:30-13:50	<b>MECHANICAL PROPERTIES OF FIBER REINFORCED COMPOSITE RIGID POLYURETHANE FOAM MATERIALS</b> Hâle ASLANTAŞ and Bilal DEMİREL
13:50-14:10	<b>SHAPE MEMORY ALLOYS PRODUCTION METHODS</b> Bilal DEMİREL, Bülent KURT, Gamze BAYRAKTAR
14:10-14:30	<b>SELECTION OF MATERIALS FOR BATTLE SHIP'S PROPELLER DESIGN</b> Bilal DEMİREL, Ercan SENYIGIT, Metehan AKAR, Samet BASOL, M. Ali KARABULUT
14:30-14:50	<b>OPTIMIZATION OF ISBM PROCESS PARAMETERS ENSURING THE BEST SERVICE PERFORMANCE FOR THE 1 LT. PET BOTTLE PRODUCTION: A STATISTICAL DESIGN OF EXPERIMENT APPROACH</b> Bilal DEMİREL, Fatih AKKURT, I. Adeviye KAVAK
14:50-15:10	<b>SHAPE MEMORY NiMnGaX ALLOYS TRANSFORMING AT HIGH TEMPERATURES</b> Serkan DAL , Bilal DEMİREL
<b>15:10-15:30 COFFE BREAK / ÇAY-KAHVE ARASI</b>	
<b>SESSION 6 / OTURUM 6</b>	
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Murat ESKİL HALL 1 / SALON 1</b>	
15:30-15:50	<b>EFFECTS OF MONTMORILLONITE NANOCCLAYS ON MECHANICAL PROPERTIES OF EPOXY RESIN</b> Hasan Yavuz ÜNAL, Zeynep YALÇINKAYA and Yeliz PEKBEY
15:50-16:10	<b>PRODUCTION AND CHARACTERIZATION OF ZIRCONIA-MULLITE COMPOSITES WITH TALC ADDITIVE</b> Hediye AYDIN, Gizem TOKATAŞ
16:10-16:30	<b>INVESTIGATION OF MECHANICAL PROPERTIES AND MANUFACTURE OF BOROSILICATE GLASSES DOPED-CHROMIUM OXIDE (Cr<sub>2</sub>O<sub>3</sub>)</b> B. Aktaş and K. Doğru
16:30-16:50	<b>EFFECT OF HEAT TREATMENT TEMPERATURE ON THE SURFACE PROPERTIES OF NANOSTRUCTURED TiO<sub>2</sub> FILMS FORMED ON ROUGH TITANIUM SUBSTRATE</b> Selim Demirci and Tuncay Dikici
16:50-17:10	<b>THE IMPORTANCE OF THE WINDOW RATE IN THE CALCULATION OF ECONOMIC INSULATION THICKNESSES ON THE EXTERIOR WALLS</b> Okan KON
17:10-17:30	<b>CHARACTERIZATION OF SEAWEED FILLED HDPE COMPOSITES</b> Etkin CAN, Metehan ATAGÜR, Ferhat C. Özkaya, M.Özgür SEYDİBEYOĞLU
<b>Session Chairman /Oturum Başkanı:Prof.Dr.Şerafettin DEMİÇ HALL 2 / SALON 2</b>	
15:30-15:50	<b>WAVELENGTH DEPENDENT SOLAR ENERGY CALCULATION</b> Murat Kabakçı and Rustu Eke
15:50-16:10	<b>PERFORMANCE ANALYSIS OF A V-CORRUGATED DOUBLE-PASS SOLAR AIR COLLECTOR</b> Mustafa Aktaş, Azim Doğuş Tuncer, Erhan Arslan, Ekin Can Dolgun
16:10-16:30	<b>INVESTIGATION AND ANALYSIS OF PHOTOVOLTAIC-THERMAL SYSTEMS</b> Mustafa Aktaş, Erhan Arslan, Azim Doğuş Tuncer
16:30-16:50	<b>A BRIEF REVIEW FOR THERMAL PERFORMANCE OF SOLAR COLLECTORS USING NANOFLUIDS</b> Hüseyin Kaya and Kamil Arslan
16:50-17:10	<b>THE EFFECT OF TETRAETHYLORTHOSILICATE ON THE PERFORMANCE OF CdSe/ZnS CORE-SHELL QUANTUM DOTS SENSITIZED SOLAR CELLS (QDSSC)</b> Erdi AKMAN, Yemliha ALTINTAS, Mahir GULEN, Burak TEKIN, Bahri Eren UZUNER, Hanife ARSLAN, Evren MUTLUGUN and Savas SONMEZOGLU
17:10-17:30	<b>LOW-COST AlGaAs DIODE END-PUMPED TM:YAG LASER AT 2019 NM</b> Ersen BEYATLI

<b>Session Chairman /Oturum Başkanı: Prof.Dr.Bülent BOSTAN</b>		<b>HALL 3 / SALON 3</b>
15:30-15:50	<b>INFLUENCE OF THE COLD ROLLING REDUCTION RATE ON CORROSION BEHAVIOUR OF TWIN-ROLL CAST 8006 ALUMINIUM FIN STOCKS</b> Taha Yasin Eken, Cevat Sarioglu and <b>Israfil Kucuk</b>	
15:50-16:10	<b>FATIGUE LIFE INVESTIGATION FOR PRE-DEFORMED OUTER TIE ROD</b> B.Y. Çetin, K.Taş	
16:10-16:30	<b>EFFECTS OF DIFFERENT INJECTOR INJECTION ANGLES ON PERFORMANCE AND EMISSION IN A WANKEL MOTOR</b> <b>Ömer Cihan</b> , Osman Akın Kutlar, Abdurrahman Demirci	
16:30-16:50	<b>DETERMINING THE RELATION BETWEEN FLEXION ANGLES OF FINGER JOINTS TO BE USED IN A VIRTUAL 3D HAND WITH EMG SIGNAL INTERACTIONS</b> Mirvahid Ahmadipouri Naeim and Cüneyt Yılmaz	
16:50-17:10	<b>INVESTIGATION OF THE INFLUENCE OF THE ENGINE OIL TYPE ON EXHAUST EMISSION</b> <b>Hakan Yilmaz</b> and Arzu Şencan Şahin	
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Serkan ISLAK</b>		<b>HALL 4/ SALON 4</b>
15:30-15:50	<b>CORROSION AND MECHANICAL PROPERTIES OF AlCu MATRIX HYBRID COMPOSITE MATERIALS</b> <b>Serkan ISLAK</b> and Cihan ÖZORAK	
15:50-16:10	<b>COMPARISON OF MICROWAVE AND CONVENTIONAL SINTERING IN SiCp PARTICLE REINFORCEMENT Fe MATRIX COMPOSITES</b> <b>Saadet GÜLER</b> , Onur ERTUĞRUL, Kazım ÖNEL	
16:10-16:30	<b>KÜRESEL YAPILI SERT KABUKLU MEYVELERİN YATAY DÜZLEMDE BOYUTLANDIRMA SİSTEMİ</b> <b>Seyfettin BOZBAŞ</b> , Necla TOGUN	
16:30-16:50	<b>THE EFFECT OF GEOMETRIC CHANGES ON SPECIFIC ENERGY ABSORPTION CAPACITIES OF CRASH BOXES</b> Murat ALTIN, Serdar HALİS-Çağatay NACAĞ, Meltem BAYSUN	
16:50-17:10	<b>TETRADEKANOİK ASİT/EPOKSI/KAYISI ÇEKİRDEĞİ KABUĞU İLE ELDE EDİLEN FAZ DEĞİŞTİRİCİ MALZEMENİN BİNALARDA YALITIM MALZEMESİ OLARAK KULLANIMININ İNCELENMESİ</b> <b>Vahdettin KOÇ</b> , Zuhal KARAGÖZ GENÇ, Seyfeddin YILMAZ, Murat GENÇ	
<b>Session Chairman /Oturum Başkanı: Dr.Tuba BAHTLI</b>		<b>HALL 5 / SALON 5</b>
15:30-15:50	<b>INVESTIGATION OF CHARGE TRANSPORT PROCESSES IN ELECTROSPUN SnO<sub>2</sub> NANOFIBERS USING IMPEDANCE SPECTROSCOPY TECHNIQUE</b> <b>Birsel CAN ÖMÜR</b> and Ahmet ALTINDAL	
15:50-16:10	<b>PRODUCTION AND NONDESTRUCTIVE INVESTIGATION OF BIOMEDICAL IMPLANTS</b> <b>Berkan Akbulut</b> , Mustafa Afser, Ali Sercenk Gobel, Ilven Mutlu	
16:10-16:30	<b>COPPER AND ZINC INCORPORATED OXIDE COATINGS ON COMMERCIALY PURE TITANIUM FOR BIOMEDICAL APPLICATION</b> Merve Kubra Saygı, <b>Faiz Muhaffel</b> , Jennifer Patterson and Huseyin Cimenoglu	
16:30-16:50	<b>PRODUCTION AND CHARACTERIZATION OF BIODEGRADABLE Zn ALLOY FOAM</b> Begum Tugul, Bilge Turetken, Tugba Uce, <b>Ilven Mutlu</b>	
16:50-17:10	<b>INVESTIGATION OF MECHANICAL PROPERTIES OF MULTIWALLED CARBON NANOTUBE REINFORCED POLYVINYL ALCOHOL NANOFIBER REINFORCED COMPOSITE LAMINATES</b> <b>Mürsel EKREM</b>	
17:10-17:30	<b>METALLOGRAPHIC STUDY OF HARDOX450+FEW BASED COMPOSITE ALLOY CLADDING ON AISI 1020 STEEL BY PTA WELDING TECHNIQUE</b> Tanju TEKER, Eyyüp Murat KARAKURT	
<b>Session Chairman /Oturum Başkanı: Doç.Dr.M.Özgür SEYDİBEYOĞLU</b>		<b>HALL 6 / SALON 6</b>
15:30-15:50	<b>INVESTIGATION OF PHYSICAL PROPERTIES OF PVB-BASED NANOCOMPOSITES FORMING BY USING A<sub>g</sub> AND C<sub>60</sub> NANOPARTICLES</b> <b>Erdi AKMAN</b> , Ahmet AVCI and Savas SONMEZOGLU	
15:50-16:10	<b>EULERIAN MODEL OF SIMULTANEOUSLY DEVELOPING Al<sub>2</sub>O<sub>3</sub>/WATER NANOFUID FORCED CONVECTIVE FLOW</b> <b>Meltem Yiğit</b> , Mutlu Tekir, Engin Gedik, Kamil Arslan	
16:10-16:30	<b>FLEXURAL PROPERTIES OF CaCO<sub>3</sub> FILLED HDPE INDUSTRIAL COMPOSITE/NANOCOMPOSITE</b> <b>Harun SEPET</b> and Necmettin Tarakcioglu	
16:30-16:50	<b>EXPERIMENTAL STUDY OF ANGLE VALUES EFFECTS ON ELECTRICITY CAPACITY IN PV SYSTEM IN TUNCELİ</b> <b>Cihad FİDAN</b> , Dr. Fevzi GÜLÇİMEN	

16:50-17:10	<b>PALLADIUM(0) NANOPARTICLES SUPPORTED ON CERIA AS CATALYSTS IN DECOMPOSITION OF FORMIC ACID</b> Serdar Akbayrak
17:10:17:30	<b>TI-6AL-4V REINFORCED POLYURETHANE RIGID FOAM</b> Erdoğan Teke, M. Özgür Seydibeyoğlu
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Bilal DEMİREL HALL 7 / SALON 7</b>	
15:30-15:50	<b>THE SELECTION OF THE BEST MATERIAL FOR PLANE WING PIN</b> Ercan SENYIGIT, Bilal DEMİREL, Ugur CENGİZ, Oguz OZDEMİR, Fulya HACIPASAOGLU
15:50-16:10	<b>IMPROVING BRAKING PERFORMANCE BY USING COMPOSITE MATERIALS THAT HAVE CERAMIC MATRICES AND COOLING THIS BRAKING PARTS WITH A TURBINE COOLING SYSTEM</b> Bilal DEMİREL, Ercan SENYIGIT, Gamze AYDIN, Şebnem DEMİR, Özge SEFERTAŞ
16:10-16:30	<b>BEST MATERIAL SELECTION FOR HELMET DESIGN</b> Bilal DEMİREL, Ercan SENYIGIT, M. Muratcan TUFAN, Fatih AKKURT
16:30-16:50	<b>1.2379 HEAT TREATMENT IN COLD WORK TOOL STEELS</b> Necla UNSALAN, Yusuf KARACA, Cemal CARBOGA, Bilal DEMİREL, Esen DAĞAŞAN BULUCU
16:50-17:10	<b>BEST MATERIAL SELECTION FOR CHAFF/FLARE LUNCH SYSTEM</b> Bilal DEMİREL, Ercan SENYIGIT, Oguzhan BEKIRCAN, A. Sahin OZKAN, S. Selman
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Emre YALAMAÇ HALL 8 / SALON 8</b>	
15:30-15:50	<b>CHARACTERIZATION OF COMMERCIAL MACHINABLE FELDSPATHIC BASED GLASS-CERAMIC BLOCKS FOR DENTAL CAD/CAM APPLICATIONS</b> Emre YALAMAÇ, Mücahit SÜTÇÜ, Aytaç ÇİDEM and Gözde TÜNAYDIN
15:50-16:10	<b>A NOVEL MANUFACTURING ROUTE FOR TRANSLUCENT A-SIALON CERAMICS</b> Suna AVCIOGLU and Semra KURAMA
16:10-16:30	<b>EFFECTS OF PREPARATION METHODS ON STRUCTURAL AND MECHANICAL PROPERTIES OF METALLIC CA72ZN28 GLASS</b> Duygu Tahaoğlu and Murat Durandurdu
16:30-16:50	<b>PRODUCTION OF Si<sub>3</sub>N<sub>4</sub> FOAMS FROM REPLICA AND CARBOTHERMAL REDUCTION AND NITRIDATION TECHNIQUES</b> Gülsüm Topateş
16:50-17:10	<b>PRODUCTION OF POROUS MULLITE CERAMICS FOR TURBINE ENGINE COMPONENTS PRODUCED BY PORE FORMER ADDITION</b> GÜLSÜM TOPATEŞ AND ELIF EREN GÜLTEKİN
17:10-17:30	<b>GRAPHENE PLASMONICS FOR TERAHERTZ APPLICATIONS</b> Habibe Durmaz, Khwanchai Tantiwanichapan, Xuanye Wang, Yuyu Li, Anna K. Swan, and Roberto Paiella
<b>12APRIL 2018-12 NİSAN 2018</b>	
<b>SESSION 7 / OTURUM 7</b>	
<b>Session Chairman /Oturum Başkanı:Dr.Elif Eren GÜLTEKİN HALL 1 / SALON 1</b>	
08:30-08:50	<b>A STUDY ON MAGNETIC PROPERTIES OF POLYMER/MAGNETIC PARTICLE NANOCOMPOSITES</b> Şaziye Uğur
08:50-09:10	<b>A STUDY ON PRODUCTION OF POROUS BIOCOMPOSITES</b> Azade Yelten-Yilmaz and Suat Yilmaz
09:10-09:30	<b>PRODUCTION OF REINFORCED FIBER-CEMENT COMPOSITES WITH ALTERNATE NATURAL CELLULOSIC FIBERS</b> Recep AKDENİZ, Ali Murat SOYDAN
09:30-09:50	<b>EFFECTS OF CHEMICAL COMPOSITION AND HYDROGEN CHARGING ON THE MECHANICAL RESPONSE OF SLIP-DOMINATED HIGH MANGANESE AUSTENITIC STEEL</b> İbrahim Burkay Tuğluca, Burak Bal, Motomichi Koyama
09:50-10:10	<b>USE OF GLASS MOSAIC MATERIALS IN ARTISTIC BOARDS</b> Nuray Gökdoğan
10:10-10:30	<b>BIOPOLYMERS ACTIVEFILMS PHYSICOCHEMICAL CHARACTERIZATION AND BIOLOGICAL PROPERTIES</b> EL HASSOUNI Asmae and EL BACHIRI Ali
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Sedat KOLUKISA HALL 2 / SALON 2</b>	
08:30-08:50	<b>INVESTIGATION OF MECHANICAL PROPERTIES OF TiN COATING OF Ti-6AL-4V ALLOYS</b> Levent URTEKİN and Ömer KELEŞ
08:50-09:10	<b>INVESTIGATION OF CERAMIC COATING APPLICATIONS IN A BIODIESEL FUELED ENGINE</b> Levent URTEKİN and Serkan BAYAŞOĞLU
09:10-09:30	<b>COPOLYMER HYDROGELS OF ACRYLAMIDE/MALEIC ANHYDRIDE-g-DECANOL</b>

	<b>Hidayet MAZI and Bahar SÜRMEĻİHİNDİ</b>
09:30-09:50	<b>FABRICATION AND CHARACTERIZATION OF A-Fe<sub>2</sub>O<sub>3</sub> FILMS FROM ELECTRODEPOSITED FE FILMS FOR PHOTOELECTROCHEMICAL WATER SPLITTING PERFORMANCE</b> <b>Tuncay Dikici</b>
09:50-10:10	<b>PARAFFIN WAX ESASLI BAĞLAYICI SISTEMI VE SU ATOMIZE 316L PASLANMAZ ÇELİK TOZLARI İLE HAZIRLANAN BESLEME STOKLARININ AKIŞ DAVRANIŞ ÖZELLİKLERİNİN İNCELENMESİ</b> <b>Uğur Gökmen</b>
10:10-10:30	<b>MAKİNE ÖĞRENME ALGORİTMALARI KULLANAN AKILLI SÜRÜŞ SİSTEMLERİNİN İNCELENMESİ</b> <b>Murat AKIN ve Uğur FESLİ</b>
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Zahide BAYER ÖZTÜRK HALL 3 / SALON 3</b>	
08:30-08:50	<b>GIANT MAGNETOIMPEDANS (GMI) EFFECT OF Fe-Co-B THIN FILMS ON Si SUBSTRATES</b> <b>Gizem Durak Yüzüak, and Ercüment Yüzüak</b>
08:50-09:10	<b>REDUCTION OF TUNGSTEN TRIOXIDE WITH ETHANOL</b> <b>Şenol Çetinkaya and Şerafettin Erođlu</b>
09:10-09:30	<b>SYNTHESIS OF FINE ZIRCONIUM CARBIDE POWDER BY CARBOTHERMAL REACTION OF CARBON-COATED ZIRCONIA PARTICLES</b> <b>Şenol Çetinkaya</b>
09:30-09:50	<b>PARTICLE ENERGY DEPENDENCE OF IRRADIATED SILICON SENSOR CHARACTERISTICS</b> <b>Sinan Sagir</b>
09:50-10:10	<b>MONO-DISPERSE PICOLITER DROPLETS FOR CELL ENCAPSULATION AND CPA LOADING IN A MICRO-FLUIDIC DEVICE</b> <b>Selis Onel and Mehmet Toner</b>
10:10-10:30	<b>INVESTIGATION OF THE MECHANICALLY SYNTHESIS PROCESS OF CU POWDERS IN Ni-RICH NiTi SMA POWDERS</b> <b>Sinan AKSÖZ, Gülizar ALTINIŞIK, Ekrem Emre Elverişli,Bülent Bostan</b>
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Mehmet KAYA HALL 4 / SALON 4</b>	
08:30-08:50	<b>MECHANICAL PROPERTIES OF A NEW TYPE OF GRAPHITIC CARBON NITRIDE: A MOLECULAR DYNAMICS STUDY</b> <b>Ahmet Emin Senturk, Ahmet Sinan Oktem and Alp Er S. Konukman</b>
08:50-09:10	<b>INVESTIGATION OF THERMAL CONDUCTIVITY OF A NEW TYPE OF GRAPHITIC CARBON NITRIDE USING NON-EQUILIBRIUM MOLECULAR DYNAMICS SIMULATIONS</b> <b>Ahmet Emin Senturk, Ahmet Sinan Oktem and Alp Er S. Konukman</b>
09:10-09:30	<b>IMPROVEMENT OF MECHANICAL PROPERTIES OF HUNTITE AND HYDROMAGNESITE REINFORCED FLAME RETARDANT COMPOSITES BY USING GLASS FIBERS</b> <b>Berk ENGİN and Hüsnügöl YILMAZ ATAY</b>
09:30-09:50	<b>A PERFORMANCE BASED COMPARISON BETWEEN INDUCTION AND PM SYNCHRONOUS MOTORS FOR ELECTRIC VEHICLE APPLICATION</b> <b>Cemil OCAK</b>
09:50-10:10	<b>INVESTIGATION OF THE EFFECTS OF AIR-GAP DISTANCE ON IN-WHEEL BRUSHLESS DC ELECTRIC VEHICLE MOTORS</b> <b>Cemil OCAK</b>
10:10-10:30	<b>THE EFFECT OF THE INITIAL MORPHOLOGY ON MICROSTURE MAPS OF DUAL PHASE STEEL</b> <b>Bilge DEMİR and Mehmet ERDOĐAN</b>
<b>Session Chairman /Oturum Başkanı: Doç.Dr.Mücahit SÜTÇÜ HALL 5 / SALON 5</b>	
08:30-08:50	<b>HARDNESS AND WEAR PROPERTIES OF COMPOSITE COATINGS CONTAINING CARBIDE AND BORON CARBIDE</b> <b>Mustafa Kaptanoglu, Mehmet Erođlu</b>
08:50-09:10	<b>EXPERIMENTAL STUDY ON THE EFFECTS OF LASER DEPOSITION PARAMETERS ON THE 420J2 STAINLESS STEEL PARTS USING LASER MELTED ADDITIVE MANUFACTURING</b> <b>Semih GÜNER, Arif BALCI and Yusuf USTA</b>
09:10-09:30	<b>THE INVESTIGATION OF THE EFFECT OF DIFFERENT COATING TYPES ON CUTTING FORCES IN TURNING OF 17-4 pH STAINLESS STEEL</b> <b>Saltuk Alper YAŞAR, Gültekin UZUN and İhsan KORKUT</b>
09:30-09:50	<b>WEAR BEHAVIOR OF ELECTRODEPOSITED NICKEL-NANO DIAMOND COMPOSITE COATING ON POROUS MATERIALS</b> <b>Tutku Saatci,Elmas Salamci, Rahmi Unal, Nima Zoghhipour, Neli Gidikova, Radoslav Valov, and Vladimir Petkov</b>
09:50-10:10	<b>FLUORINE-FREE, SUPERHYDROPHOBIC POLYSILOXANE NANOFILAMENT COATINGS</b> <b>Esra Kasapgil, İlke Anaç and H. Yıldırım Erbil</b>
10:10-10:30	<b>CHROMIUM-ALUMINIDE COATINGS OF APPLIED BY PACK CEMENTATION METHOD ON</b>

	<b>CRCONIFE SUPERALLOY AND INCONEL 718 ALLOY</b> Tuba YENER, Gözde Ç. Efe, İbrahim ALTINSOY, Mediha İPEK, Cuma BİNDAL, Sakin ZEYTİN
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Çetin ÖZAY HALL 6 / SALON 6</b>	
08:30-08:50	<b>RESEARCH ON THE EFFECTS OF AGING HEAT TREATMENT OF DRY SLIDING WEAR BEHAVIOUR IN METAL MATRIX COMPOSITES OF AA2014-AI4C3 PRODUCING BY POWDER METALLURGY METHOD</b> Ufuk TAŞCI, Onur ALTUNTAŞ, Aynur TOPUZ ve Bülent BOSTAN
08:50-09:10	<b>GROWING ZnO NANORODS ON GLASS SUBSTRATES: IMPORTANCE OF SEED LAYER</b> Memnune Kardeş and Koray Öztürk
09:10-09:30	<b>INVESTIGATION OF WELDABILITY OF ARMOX 500T ARMOR STEEL BY HYBRID PLASMA ARC WELDING</b> Cihan Yüksel, Ömer Saltuk Bölükbaşı, Erdoğan Kanca, Mehmet Demir, Ali Günen
09:30-09:50	<b>IMPROVING WEAR RESISTANCE OF WE43 MAGNESIUM ALLOY BY COMBINATION OF COLD SPRAY AND MICRO ARC OXIDATION TECHNIQUES</b> Mertcan Kaba, Faiz Muhaffel, Ugur Malayoglu and Huseyin Cimenoglu
09:50-10:10	<b>ASANSÖR MODERNİZASYONUNDA TAHRİK SİSTEMLERİNİN KARŞILAŞTIRILMASI</b> Uğur FESLİ ve Murat AKIN
10:10-10:30	<b>INVESTIGATION OF THE IMPACT OF PRESSING TEMPERATURE ON THE AI7075 /TIB2 FUNCTIONAL GRADED MATERIAL PRODUCED BY POWER METALLURGY METHOD</b> Görkem KIRMIZI, Ufuk TAŞCI, Henifi ÇİNİCİ
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Tülay YILDIZ HALL 7 / SALON 7</b>	
08:30-08:50	<b>REVIEW AND COMPARISON OF ELCTRIC VEHICLE BATTERIES</b> İsa Serdar Topbaş and Kıvanç Başaran
08:50-09:10	<b>KAPLAMA TEKNİKLERİ İLE ELDE EDİLEN İNCE FİLMERİN BİYOMEDİKAL ALANDAKİ UYGULAMALARI</b> Şengül DANIŞMAN, Tuba DEMİREL
09:10-09:30	<b>SOLUTION COMBUSTION SYNTHESIS OF LITHIUM COPPER PYROPHOSPHATE FOR LITHIUM-ION BATTERIES</b> Demet OZER, Zeliha ERTEKİN, Nursen Altuntaş OZTAS, Kadir PEKMEZ
09:30-09:50	<b>MODELING AND SIMULATION OF A Li-ION BATTERY USED IN ELECTRIC VEHICLE</b> İsa Serdar Topbaş and Kıvanç Başaran
09:50-10:10	<b>INVESTIGATION OF HOT CORROSION RESISTANCE OF PLASMA SPRAYED THERMAL BARRIER COATINGS (TBCS) IN MOLTEN SALT MIXTURES</b> Yasin Ozgurluk, Kadir Mert Doleker, Hayrettin AHLATCI <sup>e</sup> and Abdullah Cahit KARAOĞLANLI
10:10-10:30	<b>EFFECT OF VERMICULITE MINERAL ON THERMAL BARRIER COATING (TBC) SYSTEM AT HIGH TEMPERATURE CONDITIONS</b> Yasin Ozgurluk, Kadir Mert Doleker, Hayrettin AHLATCI <sup>e</sup> and Abdullah Cahit KARAOĞLANLI
<b>Session Chairman /Oturum Başkanı:Doç.Dr.Ali Kaya GÜR HALL 8 / SALON 8</b>	
08:30-08:50	<b>EFFECT OF DIFFERENT HEAT INPUTS ON MICROSTRUCTURE AND HARDNESS IN PTA LAYERS</b> Koray Kılıçay, İsmail Bayar, Esad Kaya, and Mustafa Ulutan
08:50-09:10	<b>SÜRTÜNME KARIŞTIRMA KAYNAK YÖNTEMİ İLE BİRLEŞTİRİLMİŞ AA7075-T6 LEVHADA KARIŞTIRICI UÇ OMUZ GENİŞLİĞİNİN MEKANİK ÖZELLİKLER ÜZERİNE ETKİSİ</b> Faruk KARACA Engin Ünal ve Furkan SARSILMAZ
09:10-09:30	<b>AISI 316L/AISI 4140 ÇELİK ÇİFTLERİNİN SÜRTÜNME KAYNAK YÖNTEMİ SONRASI ARAYÜZEY MİKROYAPI ÖZELLİKLERİNİN İNCELENMESİ</b> Engin Ünal Faruk KARACA ve Furkan SARSILMAZ
09:30-09:50	<b>THE EFFECT OF GAS FLOW ON JOINING THE INCONEL 718 SUPER ALLOY WITH THE PLASMA ARC WELDING METHOD</b> Nida Katı, Mustafa Bölükbaşı, Sermin Ozan, Ali Kaya Gür, Tülay Yıldız
09:50-10:10	<b>THE DETERMINATION OF OPTIMUM WELDING SPEED PARAMETERS BY RT-GMAW</b> Recep Arıcı, Halit Doğan, Mustafa Karamolla
10:10-10:30	<b>A NOVEL HIGHLY EFFICIENT AND THERMALLY RESISTANT SCHIFF BASE POLYMER-PD(II) CATALYST: SYNTHESIS, CAHARACTERİZATIÖN AND İNVESTİGATIÖN OF CATALYTIC PERFORMANCE</b> Nuray YILMAZ BARAN
<b>Session Chairman /Oturum Başkanı:Prof.Dr.Bülent KURT HALL 9 / SALON 9</b>	
08:30-08:50	<b>RECYCLE OF PACKAGING WASTES IN ADANA PROVINCE</b> Erkan KALIPCI, Hüseyin CÜCE, Kübra DEMİR
08:50-09:10	<b>PRODUCTION OF NOISE INSULATION PANELS FROM PUMICE STONE</b> Serkan Sahinkaya and Halil İbrahim Çamlı

09:10-09:30	<b>PRODUCTION OF NOISE INSULATION PANELS FROM WASTE PAPERS</b> Serkan Sahinkaya and Salih Sancar Tural
09:30-09:50	<b>ASSESSMENT OF ENVIRONMENTAL IMPACTS IN TERMS OF CLEANER PRODUCTION AND SUSTAINABLE WASTE MANAGEMENT IN THE AUTOMOTIVE INDUSTRY</b> Hüseyin CÜCE, Erkan KALIPCI
09:50-10:10	<b>HYDRAULIC PRINCIPLES AND MATERIAL PROPERTIES OF PE PIPES USED IN AGRICULTURAL IRRIGATION SYSTEMS</b> M. Cüneyt BAĞDATLI and Erkan KALIPCI

**10:30-12:30 Trip Program (Alaçatı-Urla-Izmir/centrum)/Alaçatı-Urla- İzmir/Merkez Gezi Programı**

**POSTERS / POSTER BİLDİRİLER**

**10 APRIL 2018-10 NİSAN 2018**

**Presentation Times/Sunum Saati:13:30-17:10 HALL 9/SALON 9**

1	<b>RARE EARTH ION DOPED CERIA ELECTROLYTES FOR SOLID OXIDE FUEL CELLS</b> Aliye Arabacı
2	<b>POLYVINYLPYRROLIDONE/HYDROXYPROPYL CELLULOSE TABLET SYSTEMS FOR IBUPROFEN RELEASE</b> Tuğba Erkoç, Lutfullah M Sevgili and Selva Çavuş
3	<b>EFFECTS OF ELEMENT C ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF Fe-Cr MATRIX COMPOSITE</b> Soner Buytoz, Fethi Dagdelen, İ. Somunkıran
4	<b>INVESTIGATION OF OXIDATION PROPERTIES OF TiNiHf ALLOYS</b> Soner Buytoz, Fethi Dagdelen, F. Büşra Akçiçek, İ. Somunkıran
5	<b>THERMAL PROPERTIES OF MUSSEL SHELL WASTE BASED COMPOSITES</b> Suheyla Kocaman, Duygu Yanardag, <u>Kianoosh Zamani</u> , Alaaddin Cerit and Gulnare Ahmetli
6	<b>THE EFFECT OF B DOPING ON STRUCTURAL AND MORPHOLOGICAL PROPERTIES OF NANOCRYSTALLINE ZnS FILMS</b> Tulay Hurma
7	<b>ZnO:Sb NANOPOWDERS: MICROWAVE ASSISTED HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION</b> Seval Aksoy, Kamuran Gorgun, <u>Yasemin Caglar</u> , Saliha Ilican and Mujdat Caglar
8	<b>DEVELOPMENT OF MANUFACTURING METHOD NON-LINEAR PIPE PARTS</b> Selçuk Kervancı, Ahmet Demirbaş, <u>Tuğçe Turan</u>
9	<b>PLATINUM NANOPARTICLES AND POLYOXOMETALATE DECORATED CARBON NANOTUBES WITH MOLECULARLY IMPRINTED POLYMER AND ELECTROCHEMICAL SENSING OF CYPERMETHRIN IN ENVIRONMENTAL SAMPLE</b> Ash Atar, Ceren Göde, Mehmet Lütfi Yola, İlker Ertuna, Necip Atar
10	<b>CHARACTERIZATION AND ECONOMIC POTENTIAL OF MAZIDAĞI PHOSPHATE DEPOSIT</b> Pınar Biçici Çetinkaya, İskender Işık and <u>Fuat Çelik</u>
11	<b>INVESTIGATION OF Eu<sup>2+</sup> DOPED SnO<sub>2</sub>/ZnO THIN FILMS PREPARED BY SOL-GEL METHOD</b> Semra KURAMA and Mustafa KAHRAMAN
12	<b>BIODEGRADATION IN THE SOIL OF THERMOOXIDIZED POLYPROPYLENE CONTAINING A PRO-OXIDANT</b> F. Djerada - Larfi, K.K. Bentifour, F. Rezgui <sup>a</sup> and S. Kaddour
13	<b>STRUCTURE AND ROTAMERIZATION ANALYSIS OF L-PYROGLUTAMIC ACID CONFORMERS</b> Nihal KUS and Saliha ILICAN
14	<b>OPTICAL PROPERTIES OF ZnO:CE FILMS</b> Saliha Ilican, Seval Aksoy, Kamuran Gorgun, Yasemin Caglar and Mujdat Cagla
15	<b>SHORT OVERVIEW OF HOT ROLLED UPN 160 PROFILES: MICROSTRUCTURE AND MECHANICAL PROPERTIES</b> Hülya Durmuş, Canser Gül, <u>Melis Yurddaskal</u> and Nilay Çömez
16	<b>EPOXY KİL KATKILI NANOKOMPOZİTLERİN ÜRETİM YÖNTEMLERİ VE MEKANİK ÖZELLİKLERİNİN ARAŞTIRILMASI</b> Benek HAMAMCI, Meltem ÇİFTÇİ, Tuğba AKTAŞ
17	<b>ZnO NANOSTRUCTURES: HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION</b> Halil Esgin and Yasemin Caglar
18	<b>USE OF PORTABLE XRF IN CERAMIC ARCHAEOLOGY</b> Murat BAYAZİT, İskender IŞIK, <u>Fuat ÇELİK</u> , Ali İSSİ
19	<b>PRODUCTION AND DEVELOPMENT OF GRAPHENE AND CARBON BLACK FILLED CONDUCTIVE NANOCOMPOSITES</b>

	Ugur Kartal, Eyyup Can Doluel, <b>Metin Yurddaskal</b> , Erdal Celik
20	<b>INVESTIGATION OF RHEOLOGICAL PROPERTIES OF WASTE TUNGSTEN CARBIDE (WC) PARTICLES LOADED HIGH DENSITY POLYETHYLENE (HDPE) MATRIX BASED COMPOSITES</b> Nusret KAYA, Ebubekir ATAN, Mücahit SÜTÇÜ, Şerafettin DEMİÇ
<b>11APRIL 2018-11 NİSAN 2018</b>	
<b>Presentation Times/Sunum Saati:08:50-12:30 HALL 9/SALON 9</b>	
1	<b>EFFECT OF SOLUTION pH VALUES ON THE STRUCTURAL AND MORPHOLOGICAL PROPERTIES OF MgDOPED ZNO NANOPOWDERS</b> Yasemin Caglar, Kamuran Gorgun, Seval Aksoy, Saliha Ilican and Mujdat Caglar
2	<b>EFFECT OF Al CONCENTRATION ON THE PHYSICAL PROPERTIES OF ZnO NANOPOWDERS DEPOSITED BY MW-HTS</b> Mujdat Caglar, Kamuran Gorgun, Seval Aksoy, Saliha Ilican and Yasemin Caglar
3	<b>STRUCTURAL AND OPTICAL PROPERTIES OF Cu DOPED ZnO THIN FILMS</b> Sibel Gürakar, Zeynep Gündüz and Tülay Serin
4	<b>THERMOLUMINESCENCE EXPLORATIONS OF DEFECT CENTER IN Ga<sub>4</sub>Se<sub>3</sub>S SINGLE CRYSTAL</b> Serdar Delice, Mehmet Isik, Nizami Hasanli
5	<b>R-R-R ROBOT CONTROL WITH ADAPTIVE LAYER NUMBER NEURAL-NETWORK + PD CONTROLLER</b> Özgür Altınışık and Aydın Yeşildirek
6	<b>A STUDY ON COATABILITY OF SEYDİŞEHİR BAYER ALUMINA POWDERS BY PLASMA SPRAYING ON ALUMINUM ALLOY</b> Mücahit SÜTÇÜ, Erdoğan TEKE, Tuncay DİKİCİ
7	<b>GRAPHENE BASED NANOSTRUCTURED ELECTRODE FOR HYDROGEN PRODUCTION FROM WATER</b> Didem BALUN KAYAN, Derya KOÇAK and Merve İLHAN
8	<b>SEPARATION OF DRUG ACTIVE INGREDIENTS BY HIGH-TEMPERATURE LIQUID CHROMATOGRAPHY</b> Berkant Kayan and Sema Akay
9	<b>SYNTHESIS OF Ag DOPED CARBON NANOFIBERS BY ELECTROSPINNING METHOD</b> Atilla Evcin, Bahri Ersoy and Nalan Çiçek Bezir
10	<b>PREPARATION OF Eu-Dy DOPED STRONTIUM ALUMINATE-EPOXY COMPOSITES</b> Atilla Evcin, Süleyman Akpınar and Nalan Çiçek Bezir
11	<b>A NOVEL VOLTAMMETRIC SENSOR BASED ON Pt@Au NANOPARTICLES DECORATED CARBON NITRIDE NANOTUBES WITH MOLECULARLY IMPRINTED POLYMER : APPLICATION TO DETERMINATION OF SEROTONIN IN URINE SAMPLES</b> Necip Atar, Mehmet Lütfi Yola, Bahar Bankoğlu
12	<b>MICROSTRUCTURAL INVESTIGATION OF Eu-DOPED Y<sub>2</sub>O<sub>3</sub> POWDERS</b> Fatma Unal, Kursat Kazmanli and Mustafa Urgan
13	<b>CHARACTERIZATION AND PROPERTIES OF TWO TYPES OF LOCAL KASTAMONU CLAYS</b> A. Çakır Arianpour, F. Arianpour
14	<b>GEOPOLYMERS AS A STRATEGIC MATERIALS AND SUSTAINABLE CITIES</b> Taykurt Daday Mine and Daday Mustafa
15	<b>OPTIMIZATION OF ZnS FILM PARAMETERS FOR OPTOELECTRONIC APPLICATIONS</b> Ü. Ulutaş, S. S. Yeşilkaya
16	<b>OPTICAL, STRUCTURAL AND THERMAL PROPERTIES OF PEDOT:PSS THIN FILMS DOPED WITH NORYL</b> Özlem Yağci and Orhan İçelli
17	<b>THE EVALUATION OF PHOTOVOLTAIC POWER SYSTEMS WITH DIFFERENT SIMULATION SOFTWARES FOR BALIKESİR CITY</b> Metin GUL and Ersin AKYUZ
18	<b>SPARK PLASMA SINTERED Al<sub>2</sub>O<sub>3</sub>-SiC NANO COMPOSITES: MICROSTRUCTURE AND MECHANICAL PROPERTIES</b> Mustafa Guven GOK
19	<b>A CASE STUDY OF CHARACTERISTIC BAND SELECTION IN FT-IR SPECTROSCOPY: NONDESTRUCTIVE DETECTION OF PROTEIN CONTENTS IN WHEAT FLOUR BLENDS</b> Ibrahim Yılmaz, Fatma Nur Arslan, Gonul Akin, Esra Yıldırım, Atike Serin, Sukriye Nihan Karuk Elmas, Birol Uner and Adnan Kenar
20	<b>A CASE STUDY OF CHARACTERISTIC BAND SELECTION IN FTIR SPECTROSCOPY: NONDESTRUCTIVE DETECTION OF FATTY ACID CONTENTS IN WHEAT FLOUR BLENDS</b> Fatma Nur Arslan, Gonul Akin, Esra Yıldırım, Atike Serin, Sukriye Nihan Karuk Elmas, Adnan Kenar, Birol

**Presentation Times/Sunum Saati:13:30-17:10 HALL 9/SALON 9**

1	<b>CLEANING EFFECT ON THE OUTPUT OF c-Si BASED PV MODULES</b> Selahattin Alagozyaylasi, <b>Murat Kabakci</b> and Rustu Eke
2	<b>PRODUCTION AND CHARACTERIZATION OF Co ALLOY FOR IMPLANT APPLICATIONS</b> Berkan Akbulut, Mustafa Afser, Ali Sercenk Gobel, <b>Ilven Mutlu</b>
3	<b>PALLADIUM(0) NANOPARTICLES SUPPORTED ON POLYDOPAMINE COATED CoFe<sub>2</sub>O<sub>4</sub> AS CATALYSTS IN HYDROGEN GENERATION FROM THE HYDROLYSIS OF AMMONIA BORANE</b> <b>Serdar Akbayrak</b>
4	<b>SUBCRITICAL WATER DEGRADATION OF DRUG ACTIVE SUBSTANCES AND OPTIMIZATION OF THE EXPERIMENTAL CONDITIONS</b> <b>Berkant Kayan</b> and Serpil Bora
5	<b>WET SHAPING OF Si<sub>3</sub>N<sub>4</sub> CERAMICS BY DCC METHOD</b> <b>Hande Marulcuoğlu</b> and Ferhat Kara
6	<b>THE INFLUENCE OF PROCESS PARAMETERS ON THE PROPERTIES OF FOAM GLASS PRODUCED FROM INDUSTRIAL WASTE GLASS USING SiC AS FOAM AGENT</b> Ali Murat Soydan, <b>Recep Akdeniz</b> , Abdul Kadir Sarı, Ali Ata
7	<b>ELECTROCATALYTIC ACTIVITY OF PANI/CHI/Pt HYBRID FILM FOR HYDROGEN GENERATION</b> <b>Didem BALUN KAYAN</b> , Derya KOÇAK and Merve İLHAN
8	<b>EFFECT OF COOLING RATE ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF NiMnSn SHAPE MEMORY ALLOYS</b> Soner Buytoz, <b>İ.Somunkıran</b> , Fethi Dagdelen, F.Nur Harputlugil
9	<b>NONDESTRUCTIVE EVALUATION OF POLYMER MATRIX COMPOSITE MATERIALS</b> Aslihan Uzumcu, Irem Gencdogmus, Ebru Toptas, <b>Ali Sercenk Gobel</b> , Ilven Mutlu
10	<b>XPS STUDIES OF Eu-DOPED YTTRIUM OXIDE POWDERS</b> <b>Fatma Unal</b> , Kursat Kazmanli and Mustafa Urgan
11	<b>A REVIEW OF HYROGEN PRODUCTION BY PHOTOCATALYTIC WATER SPLITTING USING TiO<sub>2</sub></b> <b>Celal AVCIOĞLU</b>
12	<b>VALORISATION OF SANITARYWARE PLASTER MOLD WASTE AS A REPLACEMENT MATERIALS IN PRODUCTION OF AAC</b> <b>Ashı Tayçu</b> and Taner Kavas, Doğan Soyal, Uğur Uzgan
13	<b>THEORETICAL STUDIES ON MOLECULAR AND CONFORMATIONAL STRUCTURE OF 2-AMINO-5-METHYLBENZOIC ACID</b> <b>Nihal KUS</b> and Saliha ILICAN
14	<b>DETERMINATION OF GREENHOUSE HEAT LOSS AND COST ANALYSIS FOR HEATING: KÜTAHYA CASE STUDY</b> <b>Arzu AKBULUT</b> , Abdullah AKBULUT, H.Deniz ADA
15	<b>SIMULATION OF THE MICROWAVE RADIATION –THE TEMPERATURE REGRESSED MODEL IN COMBUSTION ACT</b> <b>Yıldırım Tosun</b> and Deniz Tosun
16	<b>GAS SORPTION KINETICS ON ACTIVE CARBON - REGRESSED MODEL FOR CONTROL TOXIC EMISSIONS OF FLUE GAS</b> <b>Yıldırım Tosun</b> and Deniz Tosun
17	<b>TOLERANCE ANALYSIS OF PARTS MANUFACTURED BY FUSED DEPOSITION MODELING (FDM) PROCESS</b> <b>Gözde Şahin</b> , Ümit Tayfun, Seha Tirkeş and Samad Nadimi Babil Oliaei
18	<b>OBTAINING HIGH MECHANICAL AND THERMAL PROPERTIES IN THE SPARK PLASMA SINTERED GRAPHENE NANOPATELETS-SiAlON COMPOSITES BY USING DIFFERENT HOMOGENIZATION TECHNIQUES</b> <b>Sinem Baskut</b> , Alper Cinar, A. Tuğrul Seyhan and Servet Turan
<b>12 APRIL 2018-12 NİSAN 2018</b> <b>08:30-10:30 HALL 9/SALON 9</b>	
1	<b>THE INFLUENCE OF HARD MNPs PARTICLE ON FILM FORMATION AND MORPHOLOGY OF PS/MNPs NANOCOMPOSITES</b> <b>Şaziye Uğur</b> and Ceren Dağyar
2	<b>A NOVEL MOLECULAR IMPRINTED VOLTAMMETRIC SENSOR BASED ON SILVER NANOPARTICLES/POLYOXOMETALATE/CARBON NANOTUBES: APPLICATION TO</b>

	<b>DETERMINATION OF RUTIN</b> Mehmet Lütfi Yola, Necip Atar, Bahar Bankoğlu
3	<b>DESIGN AND MANUFACTURE PROTOTYPE OF THE SUPERIOR MERCERISING MACHINE, WHICH WILL PROVIDE THE DESIRED MERCERISING EFFECT WITH LOW SHRINKING FOR WOVEN FABRIC AT A HIGH SPEED AND RECOVERING CAUSTIC SODA ITSELF</b> İlker Ertuna, Mustafa İnalöz, Nazlı Yoldaşoğlu, Fatma İpek, Ceren Göde
4	<b>BORON-DOPED MAGNESIUM OXIDE</b> Sezgin Aydın
5	<b>THERMAL AND PHASE CHARACTERIZATION OF CARBOTHERMAL REDUCTION OF ZIRCONIA</b> F. Arianpour, A. Çakır Arianpour, F. Kazemi, H. R. Rezaie
6	<b>LITHIUM-AIR BATTERIES</b> Nilufer Kucukdeveci, Ugur Acik and Muhammed Demirtas
7	<b>A REVIEW OF GRAPHENE</b> Nilufer Kucukdeveci, Recep Cirik and Mert Can Eris
8	<b>MECHANICAL PROPERTIES OF NATURAL OBSIDIAN GLASSES DOPED WITH CERIUM OXIDE</b> B. Aktaş, Ş. Yalçın, A. Açıkgoz and R. Şerbetci
9	<b>INVESTIGATION OF CATALYTIC PERFORMANCE OF A NOVEL HIGHLY THERMALLY STABLE AND RECOVERABLE SCHIFF BASE POLYMER-PD(II) CATALYST IN SUZUKI COUPLING REACTIONS: SYNTHESIS AND CHARACTERIZATION</b> Nuray YILMAZ BARAN, Talat BARAN and Ayfer MENTEŞ
10	<b>NOVEL SILICA-BASED PALLADIUM CATALYST FOR SUZUKI-MIYAUURA REACTION: FABRICATION, CHARACTERIZATION AND APPLICATION</b> Talat Baran
11	<b>HIGHLY EFFICIENT BIO-POLYMER BASED Pd(II) CATALYST FOR REDUCTION OF O-NITROANILINE</b> Talat Baran, Nuray Yılmaz Baran, Ayfer Menteş
12	<b>AN INVESTIGATION OF MECHANICAL PROPERTIES OF GLAZED CERAMIC TILE PREPARED BY SOL-GEL METHOD</b> Zahide BAYER OZTURK, Melek GUNER

**NOTE: Posters will be printed by the participants at the appropriate size of the template and placed in the poster area. Consultation should be provided.**

**NOT: Posterler katılımcılar tarafından şablona uygun ölçülerde bastırılıp poster alanına asılacaktır. Danışmaya bilgi verilecektir.**