

# IMSTEC'18 PROGRAM

17 SEPTEMBER 2018-17 EYLÜL 2018

09:30-12:30	REGISTRATION/KAYIT	
12:30-13:30	LUNCH/ÖĞLE YEMEĞİ	
13:30-13:50	OPENING CEROMONY/AÇILIŞ TÖRENİ ÜRGÜP	HALL URGUP / SALON
13:50-14:10	INVITED SPEAKER: Prof.Dr.Mustafa ANIK Electrochemical Hydrogen Storage: Alloy Synthesis and Characterization	
14:10-14:30	INVITED SPEAKER: Prof. (Dr.) Kanika Malik Recent Developments in Materials Science Research	
14:30-14:50	INVITED SPEAKER: Prof.Dr. Farid El-Tantawy	
14:50-15:30	COFFE BREAK / ÇAY-KAHVE ARASI	
<b>SESSION 1 / OTURUM 1</b>		
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Mücahit SÜTÇÜ		HALL 1 / SALON 1
15:30-15:50	A NEW TYPE OF GREEN CORROSION INHIBITOR: ITS PROTECTION EFFECT ON DIFFERENT IMMERSION TIMES OF CARBON STEEL IN ACIDIC MEDIA Demet ÖZKIR	
15:50-16:10	SYNTHESIS OF ZINC (II) COMPLEX OF SCHIFF BASE CONTAINING INDOLE-3-CARBALDEHYDE Selma Yıldırım Uçan	
16:10-16:30	PRODUCTION AND CHARACTERIZATION OF WC REINFORCED INCONEL 625 MATRIX COMPOSITES Özgür ÖZGÜN	
16:30-16:50	PRODUCTION AND CHARACTERIZATION OF IN-SITU STELLITE 6 SUPERALLOY MATRIX COMPOSITES Özgür ÖZGÜN	
16:50-17:10	HOT DEFORMATION BEAVIOUR OF 100CR6 BEARING STEEL WITH AND WITHOUT NB MICROALLOYING Ersoy ERİŞİR, Oğuz Gürkan BİLİR, Özge ARARAT	
Session Chairman /Oturum Başkanı:Dr.Volkan KIRMACI		HALL 2 / SALON 2
15:30-15:50	FINITE ELEMENT ANALYSIS OF DEEP DRAWING PROCESS IN 7003 SERIES ALUMINUM ALLOY Süleyman Kılıç	
15:50-16:10	FINITE ELEMENT ANALYSIS OF SPRINGBACK PROCESS IN V DIES WITH 7003 SERIES ALUMINUM ALLOY Süleyman Kılıç	
16:10-16:30	CMCM INTERMEDIATE PHASE FOR THE HCP-TO-BCC PHASE TRANSITION IN MAGNESIUM Murat Durandurdu, Ayşegül Özlem Çetin and Tevhide Ayca Üçhöyük	
16:30-16:50	THE EFFECT OF HEAT TREATMENT STAGES ON MECHANICAL PROPERTIES AND MICROSTRUCTURE OF SR-MODIFIED A356 ALLOY Guneren. A., Dokumaci E., Cubuklusu E	
16:50-17:10	CRC-VC KAPLANMIŞ GGG70 DÖKME DEMİRİN MİKROYAPISININ ARAŞTIRILMASI Bülent KURT, Mehmet CİVİL	
Session Chairman /Oturum Başkanı: Prof.Dr.SemraKURAMA		HALL 3 / SALON 3
15:30-15:50	INVESTIGATION OF ENGOBE OPACITY DEPENDING ON FRIT TYPE IN CERAMIC WALL TILE ENGOBES Müge TARHAN, Baran TARHAN	
15:50-16:10	USAGE OF FACTORIAL DESIGN TO OBTAIN COLORING PROPERTIES OF BASALT ADDITION TO POTTERY GLAZES Elif Eren Gültekin	
16:10-16:30	THE EFFECT OF USING PERLITE ON THE HIGH-TEMPERATURE DEFORMATION OF THE VITREOUS CHINE BODY Baran TARHAN, Müge TARHAN	

16:30-16:50	<b>LOW TEMPERATURE BORON CARBIDE SYNTHESIS AND CHARACTERIZATION STUDIES BY SOL-GEL METHOD</b> Ahmet HELVACI
16:50-17:10	<b>ACTIVATED CARBON PRODUCTION AND CHARACTERIZATION STUDIES FROM CANE (PHRAGMITES AUSTRALIS) BY FAST MICROVAVE ASSISTED PYROLYSIS PROCESS</b> Ahmet HELVACI, Sinem GEYİK, Z. Özgür YAZICI
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Bilal DEMİREL HALL 4 / SALON 4</b>	
15:30-15:50	<b>MECHANICAL PROPERTIES OF HYBRID FIBER REINFORCED EPOXY/PVB SEMI INTERPENETRATING POLYMER NETWORK COMPOSITES</b> Mustafa Çakır, Emre Akın, Gökhan Renda
15:50-16:10	<b>INVESTIGATION ON SILICON AND FLUORINATED AROMATIC GROUPS CONTAINING POLYIMIDE COATINGS CURED BY UV METHOD</b> Mustafa Çakır, Emre Akın
16:10-16:30	<b>A FIRST PRINCIPLES STUDY OF AMORPHOUS SiB4</b> Ayşegül Özlem Çetin and Murat Durandurdu
16:30-16:50	<b>A FIRST PRINCIPLES STUDY OF BORON-RICH AMORPHOUS BORON NITRIDE</b> Ayşegül Özlem Çetin and Murat Durandurdu
16:50-17:10	<b>PHOTOCATALYTIC DEGRADATION OF METHYLENE BLUE BY POLYVINYL BORATE/TITANIUM DIOXIDE COMPOSITE</b> Özcan KÖYSÜREN and Hafize Nagehan KÖYSÜREN
<b>Session Chairman /Oturum Başkanı: Prof.Dr. Mustafa ANIK HALL 5 / SALON 5</b>	
15:30-15:50	<b>DEVELOPING MEDITERRANEAN SOLID BIOFUELS MARKET IN TURKEY</b> Berrin Engin, Mahmut Ateş, Alper Sarıoğlu, Osman Okur
15:50-16:10	<b>METAL BORIDES AS METAL-AIR BATTERY ANODE MATERIALS</b> Çağan Berker İyi, Hasan Göçmez
16:10-16:30	<b>COMPARISON OF EGR, LNT AND SCR SYSTEMS USED TO CONTROL NO<sub>x</sub> EMISSIONS IN DIESEL ENGINES</b> İbrahim Aslan REŞİTOĞLU
16:30-16:50	<b>EFFECT OF CURVATURE ANGLE ON ECAP PROCESS RESULTS FOR COPPER ALLOY</b> HaithamAljawad,ÇetinKarataş, FarukMert, Ban Alamer
16:50-17:10	<b>ACTIVATION OF MANGANESE IONS IN OXIDE BATTERY ANODE MATERIALS VIA INTRODUCTION OF NICKEL AND COBALT</b> Muharrem Kunduracı
<b>Session Chairman /Oturum Başkanı: Dr.İlker ÖRS HALL 6/ SALON 6</b>	
15:30-15:50	<b>THE EFFECT OF ISOTHERMAL TRANSFORMATION ANNEALING ON THE ULTRA HIGH STRENGTH BAINITIC-AUSTENITIC STEELS</b> Mustafa ÇÖL, Ersoy ERİŞİR, Funda Gül KOÇ, Ali TEMİZ
15:50-16:10	<b>ALTERNATIVE CATALYST FOR DOC AND SCR APPLICATIONS</b> İbrahim Aslan RESITOGLU, Kemal ALTINISIK and Ali KESKIN
16:10-16:30	<b>EVOLUTION OF BORIDE LAYERS ON ALPHA, BETA AND ALPHA+BETA TITANIUM ALLOYS</b> Gokhan Kara, Gencaga Purcek
16:30-16:50	<b>MECHANICAL CHARACTERIZATION OF BORIDE LAYERS FORMED ON ALPHA, BETA AND ALPHA+BETA TITANIUM ALLOYS</b> Gokhan Kara, Gencaga Purcek
16:50-17:10	<b>MICROSTRUCTURE AND MECHANICAL PROPERTIES OF Al-(2-30) Si ALLOYS</b> Ali Paşa HEKİMOĞLU, Murat HACIOSMANOĞLU
20:30-	<b>MUSIC RECITAL/MÜZİK DİNLETİSİ</b> (HALL ÜRGÜP/SALON ÜRGÜP)
<b>18 SEPTEMBER 2018-18 EYLÜL 2018</b>	
<b>SESSION 2 / OTURUM 2</b>	
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Bilal DEMİREL HALL 1 / SALON 1</b>	
08:50-09:10	<b>IMPORTANCE OF SYNCHROTRON LIGHT SOURCE ON UNDERSTANDING POLYMER PHYSICS</b> Sendogdular L., Sendogdular S. T
09:10-09:30	<b>SYNTHESIZED MONOMER AND POLY FLUORENE BASED COATED FILMS AND OPTICAL PROPERTIES</b>

	Erman Erdoğan, Esin Kaya, Adnan Çetin and Adem Korkmaz
09:30-09:50	<b>CHARACTERIZATION OF INTERMEDIATES OBTAINED FROM DEPOLYMERIZATION OF WASTE PET WITH DPG AND WATER</b> Ferda Civan Çavuşoğlu, Işıl Acar
09:50-10:10	<b>THE ROLE OF DEGASSING ON CROSSLINKING BY-PRODUCTS IN XLPE INSULATED CABLES</b> Nuray Mısırlı, Murat Gürek, Murat Gürbüz, Bilal Demirel
10:10-10:30	<b>COMPARISON OF INDIVIDUAL BEHAVIORS OF HFFR AND PVC SHEET MATERIALS</b> Merve Karlıtepe Çetinkaya, Murat Gürek, Nuriye Doğan and Bilal Demirel
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr. Oktay Erdoğan</b> <span style="float: right;"><b>HALL 2 / SALON 2</b></span>	
08:50-09:10	<b>THE PERFORMANCE OF HEAVY METAL LEACHING FROM COPPER AND ZINC SLAGS USING NATURAL AND WASTE MATERIALS</b> Sevda Esmâ AKKAYA, Başak MESCİ OKTAY and Semra ÇORUH
09:10-09:30	<b>STRUCTURAL PROPERTIES OF DIENS AFFECTING THE CYCLIZATION OF THERMAL DIELS ALDER</b> Muhsin KARAARSLAN
09:30-09:50	<b>DISORDERED STATE OF MOF-5 INDUCED BY PRESSURE</b> Murat Durandurdu and Mustafa Erkartal
09:50-10:10	<b>RECYCLING OF PARAFFIN USED FOR ALUMINIUM WIRE TWISTING</b> Ömür Bozkurt, Murat Gürek, Nuriye Doğan, Emin Faruk Keçeci
10:10-10:30	<b>CORROSION INHIBITION OF 1-(2-METOXYPHENYL)-2-THIOUREA FOR CARBON STEEL IN ACIDIC SOLUTION</b> Ayşe ONGUN YÜCE
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr. Osman GÖKDOĞAN</b> <span style="float: right;"><b>HALL 3 / SALON 3</b></span>	
08:50-09:10	<b>INVESTIGATION ON THE EFFECT OF BORON ON THE HARDENABILITY OF HIGH STRENGTH STRUCTURE STEEL</b> Caner Tuna, Keremcan Gökçül, Hakan Erçay, Dr. Tuncay Dikici
09:10-09:30	<b>EFFECT OF HEAT TREATMENT ON MICROSTRUCTURE AND MICROHARDNESS OF DIRECTIONALLY SOLIDIFIED Al BASED ALLOYS</b> Yusuf KAYGISIZ
09:30-09:50	<b>INVESTIGATION OF SURFACE ROUGHNESS BY MACHINING 100Cr6 STEEL WITH ORTHOGONAL AND TANGENTIAL TURNING-MILLING METHOD</b> Çetin ÖZAY, Hasan BALLIKAYA, Mehmet ALTUĞ
09:50-10:10	<b>EFFECT ON MICROSTRUCTURE AND MECHANICAL PROPERTIES IN POWDER METAL HIGH CARBON STEEL OF SPHEROIDIZING HEAT TREATMENT CONDITIONS</b> Hakan GÖKMEŞE ve Hacer TAŞDÖĞEN
10:10-10:30	<b>STUDY THE EFFECT OF TEMPERATURE DURING HOT FORMING FOR COMBINED BACKWARD FORWARD EXTRUSION PROCESS FOR COPPER ALLOY</b> Ban Alamer, Çetin Karataş, Faruk Mert, Haitham Aljawad
<b>Session Chairman /Oturum Başkanı: Prof.Dr.Bülent BOSTAN</b> <span style="float: right;"><b>HALL 4 / SALON 4</b></span>	
08:50-09:10	<b>PROPERTIES OF GRAPHENE IN-PLANE HYBRID EMBRACING HEXAGONAL SHAPED HEXAGONAL-BORON NITRIDE (H-BN) ISLANDS AND VACANCY INDUCED MAGNETISM</b> Cem Özdoğan and Nurten Akman
09:10-09:30	<b>TRIBOLOGICAL BEHAVIOR OF GRAPHENE NANOPATELETS (GNPs) REINFORCED AZ31 MAGNESIUM MATRIX COMPOSITES</b> Yavuz SUN and M.Emre TURAN
09:30-09:50	<b>PRODUCTION OF COMPOSITE VOLLASTONITE REINFORCED IN AA2014 MATRIX BY POWDER METALLURGY METHOD, INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES</b> Şaban BÜLBÜL, and Hakan GÖKMEŞE
09:50-10:10	<b>NATURAL SHELL WASTES MODIFIED WITH LEVULINIC ACID COMPOSITES PREPARED FROM EPOXY RESIN</b> Suheyra Kocaman and Gulnare Ahmetli
10:10-10:30	<b>THE EFFECT OF CRYOGENIC TREATMENT ON PERFORMANCE OF HOT FORGING DIE</b> Mustafa ÇÖL, Funda Gül KOÇ, Koray ARSLAN, Ayşe TÜRKAN, Nihat BALCI, Aziz Halis HATMAN, Taner MAKAS
<b>Session Chairman /Oturum Başkanı: Dr. Ayşe KALEMTAŞ</b> <span style="float: right;"><b>HALL 5 / SALON 5</b></span>	
08:50-09:10	<b>DETERMINATION OF pKa VALUES OF SOME SCHIFF BASES IN NON-AQUEOUS MEDIA BY POTENTIOMETRIC TITRATION METHOD</b>

	Ş. Nihan Karuk ELMAS, İbrahim YILMAZ ve Alaaddin CUKUROVALI
09:10-09:30	<b>TİYAZOL GRUBU İÇEREN BAZI SCHIFF BAZLARININ PİRİDİN ORTAMINDA TİTRASYONLARI</b> Ş. Nihan Karuk ELMAS, İbrahim YILMAZ ve Alaaddin CUKUROVALI
09:30-09:50	<b>INVESTIGATION OF WEAR BEHAVIORS OF AZ91 MAGNESIUM MATERIALS PRODUCED BY POWDER METALLURGY METHOD</b> Hanifi Çinici, Halil Karakoç, Uğur Gökmen
09:50-10:10	<b>ANTIBACTERIAL ORANGE OIL–ZINC OXIDE–CHITOSAN BIONANOCOMPOSITE PACKAGING MATERIALS</b> G. AYDIN, P. TERZİOĞLU, and A. KALEMTAŞ
10:10-10:30	<b>IMPROVED CORROSION AND WEAR RESISTANCE OF EXTRUDED Mg-6Zn-1LA-0.5Zr (WT%) MAGNESIUM ALLOY BY 1 WT% Y ADDITION</b> Huseyin Zengin and Yunus Turen
<b>Session Chairman /Oturum Başkanı: Prof.Dr. Semra KURAMA</b> <span style="float: right;"><b>HALL 6 / SALON 6</b></span>	
08:50-09:10	<b>COATING OF ALPHA-ALUMINA PLATES WITH TiO<sub>2</sub> BY FLAME SPRAY PYROLYSIS AND ITS CHARACTERIZATION</b> Büşra Günhan, H. Boğaç Poyraz, İ. Özgür Özer and Güray Kaya
09:10-09:30	<b>COMPARISON THE MECHANICAL RESPONSE OF Al 7075 AND Al 7068</b> Kadir Kaan Karaveli and Burak Bal
09:30-09:50	<b>MODELING OF EFFECTS TO DEEP DRAWABILITY OF PRODUCTION PARAMETERS OF ST 22 STEEL BY ALTERNATIVE REGRESSION AND ARTIFICIAL NEURAL NETWORKS METHODS</b> Erdoğan Kanca, Nermin Özcan and Ali Günen
09:50-10:10	<b>THE EFFECTS ON PERFORMANCE AND EMISSIONS OF USING BIODIESEL &amp; BIOETHANOL IN A DIESEL ENGINE</b> İlker Örs, Murat Ciniviz and Bahar Sayın Kul
10:10-10:30	<b>INVESTIGATION MASS LOSSES OF AISI 304 STAINLESS STEEL IN HNO<sub>3</sub>, Hf AND H<sub>2</sub>SO<sub>4</sub> SOLVENTS</b> Ali Günen, Erdoğan Kanca, Mehmet Demir
10:30-10:50	<b>COFFE BREAK / ÇAY-KAHVE ARASI</b>
<b>SESSION 3 / OTURUM 3</b>	
<b>Session Chairman /Oturum Başkanı: Dr.Uğur GÖKMEN</b> <span style="float: right;"><b>HALL 1 / SALON 1</b></span>	
10:50-11:10	<b>CRYSTAL VIOLET ADSORPTION ON NANOCCLAYS MODIFIED BY TWO DIFFERENT MATERIALS</b> Ferda Civan Çavuşoğlu, Ş. Sena Bayazit and Mohamed Abdel Salam
11:10-11:30	<b>THE LOAD OF THE ORGANISM AND CALCULATION OF ENERGY CONSUMPTION ON THE WORKING PLACE IN THE FUNCTION OF NUTRITION</b> F.Veljovic, Slavenka Štraus, Mehonic Miralem
11:30-11:50	<b>ON THE ACCELERATION OF SPHERE AND ELLIPSOID IN A VISCOUS FLUID: DETERMINATION OF ADDED MASS AND DRAG COEFFICIENTS IN STEADY AND UNSTEADY FLOWS</b> Faraz Afshari, Marc A. Rosen, Hassan Athari, Mahdi Tabatabaei Malazi
11:50-12:10	<b>INVESTIGATION ON DENSIFICATION OF ZnO UNDER DC FIELD</b> Hülya Biçer, Berra Beyoğlu, T. Ertuğrul Özdemir, John Okasinski and Thomas Tsakalagos
12:10-12:30	<b>BINDER REMOVAL FROM INCONEL 718 SUPERALLOY FEEDSTOCKS</b> Uğur Gökmen
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr. Oktay Erdoğan</b> <span style="float: right;"><b>HALL 2 / SALON 2</b></span>	
10:50-11:10	<b>FUZZY NEURONAL WITH BACKSTEPPING CONTROLLER FOR UNCERTAIN NONLINEAR SYSTEMS</b> Fatima Zohra DAIKH
11:10-11:30	<b>THE QUATERNARY ALLOY ON THE BETHE LATTICE</b> Erhan Albayrak
11:30-11:50	<b>INVESTIGATION OF SUSTAINABLE BUILDING MATERIALS</b> Başak MESCİ OKTAY , Sevda Esmâ AKKAYA and Semra ÇORUH
11:50-12:10	<b>DENSITY AND POROSITY ANALYSES OF LIGHT-WEIGHT AL 2024 – NI-CNT COMPOSITES</b> Murat Oduncuoğlu, Halil İbrahim Kurt, Necip Fazıl Yılmaz, ve Engin Ergül
12:10-12:30	<b>SINTERING OF BORON CARBIDE WITH Y<sub>2</sub>O<sub>3</sub>-Al<sub>2</sub>O<sub>3</sub>-Al ADDITION BY USING PRECIPITATION</b>

	<b>METHOD</b> M.F. Toksoy and C. Elçi
<b>Session Chairman /Oturum Başkanı: Dr.Baran TARHAN</b> <span style="float: right;"><b>HALL 3/ SALON 3</b></span>	
10:50-11:10	<b>VICKERS HARDNESS AND MICROSTRUCTURAL EVOLUTION OF BARIUM TITANATE PRODUCED BY HIGH-TEMPERATURE SINTERING</b> Burcu Ertuğ
11:10-11:30	<b>INFLUENCE OF THE SINTERING TEMPERATURE ON THE DENSIFICATION OF MULLITE CERAMICS</b> Malik Şahin, Perent Güler, Kubilay Güzel, Burcu Ertuğ, Alpagut Kara
11:30-11:50	<b>THE USAGE OF İSKENDERUN AND ELBİSTAN ASHES AS A PIGMENT IN FAST FIRING WALL TILE GLAZES</b> Keriman Pekkan, Eda Taşçı, Zahide Bayer Öztürk, Suna Yılmaz
11:50-12:10	<b>PIGMENT PRODUCTION AND CHARACTERIZATION FOR TILE GLAZE AND ENGOBE</b> Keriman PEKKAN, Aslıhan AFACAN, Eda TAŞÇI
12:10-12:30	<b>THE IMPROVEMENT OF CHEMICAL RESISTANCE OF METALLIC GLAZES WITH THE ADDITIONS OF RO<sub>2</sub> AND R<sub>2</sub>O<sub>3</sub> OXIDES</b> Eda TAŞÇI, Keriman PEKKAN, Murat ISPALARLI, Bekir KARASU
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Zahide BAYER ÖZTÜRK</b> <span style="float: right;"><b>HALL 4/ SALON 4</b></span>	
10:50-11:10	<b>MARDİN/MAZIDAĞI FOSFATIN KEMİK PORSELEN ÜRETİMİNDE KULLANILABİLİRLİĞİNİN ARAŞTIRILMASI</b> Pınar Biçici Çetinkaya, İskender Işık
11:10-11:30	<b>PRODUCTION OF ALUMINA-C REFRACTORY BRICK INCORPORATING DOGANHISAR CLAY WITH CARBON</b> Tuba BAHTLI and Veysel Murat BOSTANCI
11:30-11:50	<b>USAGE OF SEDIMENTARY CLAY FROM ASLANTAŞ DAM LAKE AS ENGOBE IN THE CERAMIC ART</b> Nergis KILINÇ MİRDALI, Mustafa DADAY, Mine TAYKURT DADAY and Hülya GÖRÜR
11:50-12:10	<b>FABRICATION OF POROUS CORDIERITE CERAMICS VIA PARTIAL SINTERING AND STARCH ADDITION</b> Ayse KALEMTAS
12:10-12:30	<b>PRODUCTION AND CHARACTERIZATION OF LIGHTWEIGHT AND POROUS DIATOMITE BASED REFRACTORIES</b> Serkan Dal, Mücahit Sütçü, Osman Gençel, Mustafa Sabri Gök
<b>Session Chairman /Oturum Başkanı: Dr.İlker ERDEM</b> <span style="float: right;"><b>HALL 5/ SALON 5</b></span>	
10:50-11:10	<b>SPRAY PYROLYSIS OF COPPER INDIUM GALLIUM SULFIDE-INDIUM SULFIDE HETEROJUNCTIONS FOR SOLAR CELL APPLICATIONS</b> Nazire Simay Sahsuvar, Cigdem Tuc Altat and Nurdan Demirci Sankir
11:10-11:30	<b>GREEN SYNTHESIS OF SILVER NANOPARTICLES USING PLANT EXTRACTS AND EVALUATION OF THEIR ANTIMICROBIAL ACTIVITY</b> İlker Erdem, Şerife Çakır
11:30-11:50	<b>SOLUTION-PROCESSABLE AMBIPOLAR SMALL MOLECULAR SEMICONDUCTOR BASED ON DIETHYNYLINDENO[1,2-B]FLUORENE-6,12-DIONE</b> Resul Ozdemir, and Hakan Usta
11:50-12:10	<b>ELEKTROEGİRME VE ALEV PÜSKÜRTME YÖNTEMİ İLE ÜRETİLEN TiO<sub>2</sub> VE CE-TiO<sub>2</sub> FOTOKATALİZÖRLER</b> Selda Topçu Şendoğdular, Levent Şendoğdular, Perena Gouma
12:10-12:30	<b>SYNTHESIS, CHARACTERIZATION AND CATALYTIC PROPERTIES OF VANADIUM PENTAOXIDE</b> Demet Ozer, Ayse Uzgoren-Baran and Nursen Altuntas Oztas
<b>Session Chairman /Oturum Başkanı:Dr.Hanifi ÇİNİCİ</b> <span style="float: right;"><b>HALL 6/ SALON 6</b></span>	
10:50-11:10	<b>INVESTIGATION OF OXIDATION BEHAVIOR UNDER HIGH TEMPERATURE CONDITIONS OF INCONEL-718 SUPER ALLOY MATERIAL</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK, Abdullah Cahit KARAOĞLANLI
11:10-11:30	<b>HIGH VELOCITY METALLIC COATING PRODUCTION TECHNIQUES</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK, Abdullah Cahit KARAOĞLANLI
11:30-11:50	<b>INVESTIGATION OF COMPRESSIVE STRENGTHS OF CARBON FIBER / KEVLAR HYBRID COMPOSITE SHEETS PRODUCED BY VACUUM INFUSION METHOD</b>

	Halil Karakoç, Burak Esenkaya Hanifi Çinici and Ramazan Çıtak
11:50-12:10	<b>TEST OF BALLISTIC RESISTANCE OF Al6061%20 B4C COMPOSITE MATERIALS AGAINST OF 9 X 19 MM PROJECTILE</b> Halil Karakoç, Hanifi Çinici and Ramazan Çıtak
12:10-12:30	<b>THERMAL OXIDATION BEHAVIOR OF Fe-Cr MATRIX COMPOSITES</b> Soner Buytoz
12:30-13:30	<b>LUNCH/ÖĞLE YEMEĞİ</b>
<b>SESSION 4 / OTURUM 4</b>	
<b>Session Chairman / Oturum Başkanı: Dr. Ali GÜNEN</b> <span style="float: right;"><b>HALL 1 / SALON 1</b></span>	
13:30-13:50	<b>ELECTRONIC STRUCTURE OF TWO-ELECTRON QUANTUM DOT WITH PARABOLIC POTENTIAL</b> Y. YAKAR, A. ÖZMEN, B. ÇAKIR
13:50-14:10	<b>CALCULATION OF IONIZATION AND EXCITED STATE ENERGIES OF HELIUMLIKE QUANTUM DOTS</b> Y. YAKAR, A. ÖZMEN, B. ÇAKIR
14:10-14:30	<b>INVESTIGATION THE SOME PHYSICAL PROPERTIES OF THE DIRECTIONALLY SOLIDIFIED Sn-8.8Zn-0.3Ag ALLOY</b> Mevlüt Şahin
14:30-14:50	<b>MAGNETIC STRUCTURE AND PHASE TRANSITION OF Ni<sub>45</sub>Co<sub>5</sub>Mn<sub>39</sub>Sn<sub>11</sub> MAGNETIC SHAPE MEMORY COMPOUND</b> Oğuz Yildirim, Suheyla Yuca, Vahide Erdogan, Eyup Duman, Baris Emre
14:50-15:10	<b>DEVELOPMENT OF MECHANICAL PROPERTIES OF RE-ENTRANT HONEYCOMB STRUCTURE</b> Tarkan BARAN, Mitat ÖZTÜRK
<b>Session Chairman / Oturum Başkanı: Dr. Erdoğan KANCA</b> <span style="float: right;"><b>HALL 2 / SALON 2</b></span>	
13:30-13:50	<b>INVESTIGATION OF THERMAL CYCLE DAMAGE MECHANISM IN THERMAL BARRIER COATING</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK, Abdullah Cahit KARAOĞLANLI
13:50-14:10	<b>SOLID PARTICLE EROSION BEHAVIOUR OF THERMALLY SPRAYED EVA COATINGS</b> Ekrem Altuncu, Barış Önen
14:10-14:30	<b>THICK AND DENSE OXIDE COATINGS OBTAINED BY PEO ON PURE MAGNESIUM</b> Kerem Ozgur Gunduz, Yunus Azakli, Osman Ozturk, Mehmet Tarakci and Yücel Gencer
14:30-14:50	<b>THE EFFECTS OF UV EXPOSURE ON THE STRUCTURAL AND MECHANICAL PROPERTIES OF BNSS THIN FILMS</b> Duygu Gokdai, Alev Akpınar Borazan, Nuran Ay
14:50-15:10	<b>COBALT COATING OF MgO REINFORCEMENT ELEMENTS</b> Halil İbrahim Kurt., Necip Fazıl Yılmaz, Engin Ergül, ve Murat Oduncuoğlu
<b>Session Chairman / Oturum Başkanı: Dr. Tuna AYDIN</b> <span style="float: right;"><b>HALL 3 / SALON 3</b></span>	
13:30-13:50	<b>THE EFFECT OF ISOCYANATE INDEX ON THE PROPERTIES OF WATER BLOWN RIGID POLYURETHANE FOAMS</b> Nesrin Oğuz, Serkan Emik and Tülin Banu İyim
13:50-14:10	<b>HYDROGENATION OF BENZENE USING BIMETALLIC NANOPARTICLES</b> Serdar Akbayrak
14:10-14:30	<b>UÇUCU KÜL TABANLI GEOPOLİMERLERİN KOROZYON DİRENCİ</b> İsmail İsa ATABEY, Okan KARAHAN, Cahit BİLİM, Cengiz Duran ATIŞ
14:30-14:50	<b>CERAMIC FILTER PRODUCTION FOR ALUMINUM CASTING INDUSTRY</b> Nazım KUNDURACI, Tuna AYDIN
14:50-15:10	<b>EVALUATION OF PROFICIENCY TEST RESULTS IN TENSILE TEST OF PLASTIC MATERIAL</b> Bülent Aydemir, Haldun Dizdar, Cemal Vatan, Gökhan İnan, Hasan Taşcan, Cemalettin Çamyurdu
<b>Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Bülent AYDEMİR</b> <span style="float: right;"><b>HALL 4 / SALON 4</b></span>	
13:30-13:50	<b>STRUCTURAL INVESTIGATION OF CuAl10Ni5Fe4 ALLOY POWDERS PRODUCED WITH MELT SPINNING METHOD</b> Sultan Öztürk, Abdurrahim Metoğlu, Sefa Emre Sünbül ve Kürşat İcin
13:50-14:10	<b>EFFECT OF COOLING RATE ON Al-Ni BRONZE RIBBONS AND POWDERS OF STRUCTURAL AND MECHANICAL PROPERTIES</b>

	Sultan Öztürk, Abdurrahim Metoğlu, Sefa Emre Sünbül ve Kürşat İcin
14:10-14:30	<b>TRIBOLOGICAL BEHAVIOR OF TiB<sub>2</sub> COATINGS UNDER VACUUM CONDITION</b> Tugay Sonsuz SERT, Levent KARA, Doğuş ÖZKAN, Tevfik KÜÇÜKÖMEROĞLU, Yaşar SERT
14:30-14:50	<b>THE EFFECT OF GRAIN SIZE ON MICROWAVE INTERACTION OF MAGNETITE ORE CONCENTRATES AND CARBONIZED TEA PLANT WASTES MIXTURE</b> Elif ARANCI ÖZTÜRK, Mustafa BOYRAZLI, Mehmet Deniz TURAN, Murat ERDEMOĞLU
14:50-15:10	<b>INVESTIGATION OF DOPANTS ON BAND GAP OF ZINC OXIDE NANOPARTICLES</b> Gozde Gecim , Sinan Dönmez , Meryem Turkey Aytekin Aydin and Ertugrul Erkok
<b>Session Chairman /Oturum Başkanı.: Assoc.Prof.Dr. Osman Gökdoğan</b> <span style="float: right;"><b>HALL 5 / SALON 5</b></span>	
13:30-13:50	<b>INVESTIGATION OF PRODUCING ULTRA FINE GRAINED AND HOT ROLLED TRIP ASSISTED BAINITIC-FERRITIC STEEL</b> Ersoy ERİŞİR, Yunus Emre SÖZER, Oğuz Gürkan BİLİR, Özge ARARAT, Ayşe KAVRUK
13:50-14:10	<b>EVALUATION OF AGRICULTURAL TOOL – MACHINERY AND TRACTOR INDUSTRY IN TURKEY</b> Osman Gökdoğan and Oktay Erdoğan
14:10-14:30	<b>PRODUCTION AND CHARACTERIZATION OF BINARY ALUMINIUM-CERIUM ALLOYS</b> Sezgin Cengiz, Yunus Azakli , Mehmet Tarakci and Yucel Gencer
14:30-14:50	<b>DLC KAPLAMALARIN TRİBOLOJİK ÖZELLİKLERİ</b> Şengül DANIŞMAN, Tuba DEMİREL
14:50-15:10	<b>PVD TEKNİĞİ İLE ÜRETİLEN DLC KAPLAMALARININ MEKANİK ÖZELLİKLERİNİN ARAŞTIRILMASI</b> Şengül DANIŞMAN, Tuba DEMİREL
<b>Session Chairman /Oturum Başkanı.: Dr.Volkan KIRMACI</b> <span style="float: right;"><b>HALL 6 / SALON 6</b></span>	
13:30-13:50	<b>AN ARDUINO-BASED AUTOMATED IRRIGATION SYSTEM USING SOIL-MOISTURE SENSOR AND AIR TEMPERATURE – MOISTURE SENSOR</b> T. Ozdemir Oge
13:50-14:10	<b>AN EXPERIMENTAL INVESTIGATION OF PARALLEL CONNECTED RANQUE-HILSCH VORTEX TUBE FLUID USING CARBON DIOXIDE</b> Evren KOCAOĞLU, Volkan KIRMACI
14:10-14:30	<b>INVESTIGATION OF THE CHEMICAL DAMAGE MECHANISMS IN THERMAL BARRIER COATING (TBC) SYSTEMS</b> Yasin ÖZGÜRLÜK, Kadir Mert DÖLEKER, Abdullah Cahit KARAOĞLANLI
14:30-14:50	<b>MEASUREMENT OF THERMAL AND ELECTRICAL CONDUCTIVITY OF Sn-Zn-Bi LEAD-FREE SOLDER ALLOYS</b> Pınar ATA ESENER, Sezen AKSÖZ
14:50-15:10	<b>COATING TEMPERATURE EFFECT ON TRIBOLOGICAL PROPERTIES OF THE TiB<sub>2</sub> THIN FILM COATINGS</b> Ayşegül DURUKAN, Tugay Sonsuz SERT, Doğuş ÖZKAN, Levent KARA
<b>Session Chairman /Oturum Başkanı.:Assoc.Prof.Dr.Bilal DEMİREL</b> <span style="float: right;"><b>HALL 7 / SALON 7</b></span>	
13:30-13:50	<b>INVESTIGATION OF THERMAL, ELECTRICAL AND MECHANICAL PROPERTIES OF LEAD FREE SOLDER ALLOYS</b> Pınar ATA ESENER, Bilal DEMİREL, Fatih AKKURT
13:50-14:10	<b>MODELING AND SIMULATION OF PARTICULATE REINFORCED POLYMER MATRIX COMPOSITES</b> Ferdi YILDIRIM, Bilal DEMİREL, Fatih AKKURT
14:10-14:30	<b>MULTILAYER THIN FILM COATINGS, THEIR CHARACTERISTIC PROPERTIES AND MANUFACTURING</b> Derviş Özkan, Mustafa Sabri Gök and Abdullah Cahit Karaoğlanlı
14:30-14:50	<b>INVESTIGATION OF MACHINING PARAMETERS AFFECTING SURFACE ROUGHNESS IN THE MILLING OF CARBON FIBER REINFORCED POLYMER (CFRP) MATERIALS WITH TIN COATED CARBIDE CUTTING TOOLS</b> Dervis Ozkan, Mustafa Sabri Gok, Abdullah Cahit Karaoglanli, Peter Panjan
14:50-15:10	<b>NUMERICAL ANALYSIS OF THE APPLICATION OF EUMOS40511 STANDARD IN SEMI TRAILER VEHICLES</b> Mustafa Cenk SARMAN, Ertuğrul AKBULUT, Mustafa Tahir AKKOYUNLU
<b>15:10-15:30</b> <span style="float: right;"><b>COFFE BREAK / ÇAY-KAHVE ARASI</b></span>	

**SESSION 5 / OTURUM 5****Session Chairman / Oturum Başkanı: Dr. Ali GÜNEN****HALL 1 / SALON 1**

15:30-15:50	<b>EFFECT OF WELDING SPEED ON FORMATION OF POROSITY IN LASER WELDING OF AlMg3 ALLOY</b> Bekir Çevik, Behçet Gülenç
15:50-16:10	<b>INVESTIGATION OF WELD ZONE PROPERTIES OF 5754 Al ALLOY JOINED BY MIG WELDING</b> Bekir Çevik
16:10-16:30	<b>Al-Mg-Zn ALAŞIMLARININ MİKROARK OKSİDASYONU</b> Gürkan TARAKÇI, Sezgin CENGİZ, K. Özgür GÜNDÜZ, Yunus AZAKLI , Z. Çağatay ÖTER, Yücel GENÇER, Mediha İPEK
16:30-16:50	<b>THE STUDY ON MECHANICAL PROPERTIES OF ALUMINUM-STEEL TWINS JOINED BY FRICTION STIR SPOT WELDING</b> Orkun TEKELİOĞLU, Ahmet Onaylı, Ceren Özbay , Metin Çallı, Necdet Çapar
16:50-17:10	<b>INVESTIGATION OF WELDABILITY OF RAMOR 500 ARMOR STEEL BY COLD METAL TRANSFER WELDING</b> Ali Günen, Selçuk Bayar, Erdoğan Kanca

**Session Chairman / Oturum Başkanı: Dr. Mine TAYKURT DADAY****HALL 2 / SALON 2**

15:30-15:50	<b>THE EFFECT OF PARTICLE SIZE ON SINTERING PROPERTIES OF SANITARY CERAMICS</b> Kadir Kaan Karaveli and Dinçer Yarımçam
15:50-16:10	<b>PRODUCTION METHODS OF CERAMIC COATINGS WITH COLUMNAR MICROSTRUCTURE</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK, Abdullah Cahit KARAOĞLANLI
16:10-16:30	<b>REASON OF LAMINATION DEFECTS: OBSERVATIONS ON FRICTION BETWEEN METAL EQUIPMENTS AND CLAYEY RAW MATERIALS IN PRODUCTION OF CONSTRUCTION MATERIALS</b> Mustafa Daday, Mine Taykurt Daday, Alpagut Kara
16:30-16:50	<b>INVESTIGATION OF THE SURFACE CHARACTERISTICS OF SILICA COATED GLAZED CERAMIC TILES PREPARED BY SOL-GEL SPREY COATING METHOD</b> Melek GÜNER, Zahide BAYER ÖZTÜRK
16:50-17:10	<b>THE EFFECT OF WASTE OF CONCENTRATED CHROME ORE ON COLOR PROPERTIES OF GLAZED TILES USING A FULL FACTORIAL DESIGN APPROACH</b> Serkan DAL, Zahide BAYER ÖZTÜRK

**Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Oktay ERDOĞAN****HALL 3 / SALON 3**

15:30-15:50	<b>OPTIMIZATION OF BORIDE LAYER THICKNESS OF BORIDED AISI 420 MARTENSITIC STAINLESS STEEL BY USING RESPONSE SURFACE METHOD(RSM) AND FACE CENTERED CENTRAL COMPOSITE DESIGN(FCCD)</b> Turker Turkoglu, Irfan Ay
15:50-16:10	<b>THERMAL SHOCK ANALYSIS OF STEEL PLATE</b> Bahadır Hatipoğlu , Recep Güneş, Mustafa Hamamcı, Fehmi Nair
16:10-16:30	<b>APPLICATION OF MEASUREMENT UNCERTAINTY IN NOTCH IMPACT TESTS</b> Bülent AYDEMİR
16:30-16:50	<b>EFFECT OF Nd ON WEAR BEHAVIOUR OF HOT ROLLED AZ31 Mg ALLOY</b> İ.H.Kara and H. Ahlatci
16:50-17:10	<b>APPROACH ANALYTIC HIERARCHY PROCESS (AHP) FOR MATERIAL SELECTION OF LOADCELL</b> Bülent Aydemir, Levent Yagmur

**Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Osman GÖKDOĞAN****HALL 4 / SALON 4**

15:30-15:50	<b>LOCALIZATION OF BOSE EINSTEIN CONDENSATE WITH SPIN ORBIT COUPLING IN A TWO DIMENSIONAL BICHROMATIC OPTICAL LATTICE</b> Züleyha Öztaş
15:50-16:10	<b>STABILITY INVESTIGATION OF B<sub>16</sub>H<sub>16</sub><sup>2-</sup> DERIVATIVES BY DFT CALCULATIONS</b> Duygu Tahaoğlu, Murat Durandurdu
16:10-16:30	<b>EFFECT OF THE TEMPERATURE VARIATION ON L X-RAY INTENSITY RATIOS AND L X-RAY PRODUCTION CROSS-SECTIONS OF PR<sub>6</sub>O<sub>11</sub> COMPOUND</b> Esra CİNAN, Aytaç LEVET, Neslihan EKİNCİ, Erdem ŞAKAR, Yakup KURUCU and Yüksel ÖZDEMİR
16:30-16:50	<b>MEASUREMENTS OF L X-RAY PRODUCTION CROSS-SECTIONS AND INTENSITY RATIOS FOR TM2O3 COMPOUND DEPENDING ON THE TEMPERATURE</b> Esra CİNAN, Aytaç LEVET, Neslihan EKİNCİ, Erdem ŞAKAR, Yakup KURUCU and Yüksel ÖZDEMİR



16:50-17:10	<b>MICROSTRUCTURAL DEFORMATION ANALYSIS OF DP1000 DUAL PHASE STEEL</b> Onur Çavuşoğlu, Serkan Toros, Hakan Gürün
<b>Session Chairman /Oturum Başkanı: Dr.Volkan KIRMACI</b> <span style="float: right;"><b>HALL 5 / SALON 5</b></span>	
15:30-15:50	<b>TiNi İLE TAKVİYE EDİLMİŞ MAGNEZYUM MATRİSLİ KOMPOZİTLERİN YÜKSEK SICAKLIK MEKANİK ÖZELLİKLERİ</b> Fevzi KELEN, Tarık AYDOĞMUŞ ve Mehmet GAVGALI
15:50-16:10	<b>TOZ METALÜRJİSİ YÖNTEMİ İLE ÜRETİLMİŞ TiNi/AZ91D KOMPOZİTLERİNİN ODA SICAKLIĞI VE YÜKSEK SICAKLIK MUKAVEMETLERİ</b> Tarık AYDOĞMUŞ, Fevzi KELEN ve Mehmet GAVGALI
16:10-16:30	<b>SUPERCAPACITIVE ENERGY STORAGE APPLICATIONS OF CONDUCTIVE POLYMER ENHANCED TITANIUM BASED NANOCOMPOSITES</b> M. Ebubekir Torbalı, Ece Ünür
16:30-16:50	<b>THE STUDY ON PERFORMANCE DEVELOPMENT OF AN AUTOMOBILE CRASH BOX USING LASER HARDENING METHOD</b> Ahmet Onaylı, Ceren Özbay , Metin Çallı, Orkun Tekelioğlu
16:50-17:10	<b>SURFACE MODIFICATION OF 316 L STAINLESS STEEL MATERIALS WITH LASER</b> Emre Aykaç, Mustafa Türkmen, Ersin Kayahan and Levent Candan
17:10-17:30	<b>TİYAZOL GRUBU İÇEREN SCHIFF BAZI VE Ni(II), cu(II) VE Zn(II) KOMPLEKSLERİNİN SENTEZİ, SPEKTRAL KARAKTERİZASYONU</b> Ş. Nihan Karuk ELMAS, İbrahim YILMAZ ve Alaaddin CUKUROVALI
<b>Session Chairman /Oturum Başkanı: Dr. Abdullah Cahit KARAOĞLANLI</b> <span style="float: right;"><b>HALL 6 / SALON 6</b></span>	
15:30-15:50	<b>OPTIMIZATION OF BORON COATING PARAMETERS IN AISI 1010 STEEL</b> Mustafa ÇÖL, Funda Gül KOÇ, Ece SİMOOĞLU SARI
15:50-16:10	<b>WEAR AND FRICTION BEHAVIOR OF TiBN COATINGS UNDER DRY AND LUBRICATED CONDITIONS</b> Doğuş ÖZKAN, Levent KARA, Egemen SULUKAN, Tevfik KÜÇÜKÖMEROĞLU, Yaşar SERT, Tugay Sonsuz SERT
16:10-16:30	<b>WEAR AND SCRATCH PROPERTIES OF TiAlZrN FILMS DEPOSITED NITRIDED H13 STEEL AT VARIOUS BIAS VOLTAGES</b> Tevfik Küçükömeroğlu, Yaşar Sert , Levent Kara, İhsan Efeoğlu
16:30-16:50	<b>INVESTIGATION OF CERAMIC COATING MATERIALS WITH HIGH TEMPERATURE RESISTANCE</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK , Abdullah Cahit KARAOĞLANLI
16:50-17:10	<b>INVESTIGATION OF OXIDATION DAMAGE MECHANISM IN THERMAL BARRIER COATING</b> Kadir Mert DÖLEKER, Yasin ÖZGÜRLÜK, Abdullah Cahit KARAOĞLANLI
17:10-17:30	<b>EXPERIMENTAL INVESTIGATION OF SPRINGBACK EFFECT IN THE PRODUCTION OF AUTOMOTIVE SHEET METALS AND TEST SYSTEM DESIGN</b> Abdülşamet ÖZDEN, Bilge DEMİR
<b>Session Chairman /Oturum Başkanı:Dr.Ömer Saltuk Bölükbaşı</b> <span style="float: right;"><b>HALL 7 / SALON 7</b></span>	
15:30-15:50	<b>INVESTIGATION OF ZINC RECOVERY METHODS FROM FLUE DUST OF IRON AND STEEL</b> Ömer Saltuk BÖLÜKBAŞI
15:50-16:10	<b>DICYANOVİNYLENE FUNCTIONALIZED AIR STABLE N-TYPE ORGANIC FIELD EFFECT TRANSISTORS</b> Resul Ozdemir, Hüsnüye Ardiç Alıdağı, and Hakan Usta
16:10-16:30	<b>MICRO-CRACKING PROBLEM IN NiMn SHAPE MEMORY ALLOYS</b> Serkan DAL, Bilal DEMİREL
16:30-16:50	<b>DRY SLIDING WEAR BEHAVIOR OF BORON-DOPED 304 STAINLESS STEELS</b> Cemal CARBOGA, Yusuf KARACA
16:50-17:10	<b>DRY SLIDING WEAR BEHAVIOR OF BORON-DOPED HIGH MANGANESE STEELS</b> Cemal CARBOGA, Yusuf KARACA
17:10-17:30	<b>VC KAPLANMIŞ GGG70 DÖKME DEMİRİN MİKROYAPISININ ARAŞTIRILMASI</b> Bülent KURT, Seyfullah DURAN, Khangardaş Askerov
<b>19 SEPTEMBER 2018-19 EYLÜL 2018</b>	
<b>SESSION 6 / OTURUM 6</b>	
<b>Session Chairman /Oturum Başkanı:Dr.Hanifi ÇİNİCİ</b> <span style="float: right;"><b>HALL 1 / SALON 1</b></span>	
08:30-08:50	<b>INVESTIGATION OF CORROSION BEHAVIOUR OF ALUMINIUM MATRIX COMPOSITES</b>

	<b>REINFORCED WITH BORON CARBIDE IN ASIDIC MEDIA</b> Hasan KARABULUT, Kubilay KARACI, Ramazan ÇITAK
08:50-09:10	<b>SYNERGETIC PHOTOCATALYTIC ACTIVITY ENHANCEMENT IN CuO-Fe<sub>2</sub>O<sub>3</sub> NANOCOMPOSITES</b> Emre Alp, M. Kürşat Kazmanlı, Aziz Genç
09:10-09:30	<b>RHEOLOGICAL BEHAVIOUR OF INCONEL 718 FEEDSTOCKS FABRICATED WITH BINDER SYSTEM BASED ON PEG 8000</b> Uğur Gökmen
09:30-09:50	<b>MoS<sub>2</sub> NANOSHEET-Ru NANOPARTICLE COMPOSITE: AN ADVANCED CATALYST FOR HYDROGEN EVOLUTION REACTION</b> Cihan Kuru
09:50-10:10	<b>THE EFFECTS OF HEAT TREATMENT (SILVAPRO®) ON COLOUR AND GLOSSINESS IN ABURA, AMARANTE, BABOEN, BURKEA, IMBUA, MUKARATI, PEAR, RENGAS, SALI AND SEPETIR WOOD TYPES</b> Vedat Çavuş, Ümit Ayata, Sırrı Şahin
10:10-10:30	<b>DETERMINATION OF COLOR AND GLOSSINESS IN HEAT-TREATED (SILVAPRO®) ALEP, AWOURA, BUBINGA, ANDIROBA, GUTAMBU, LIME EUROPEAN, MERSAWA, NYATOH, PUNAH AND TIMBORANA WOOD TYPES</b> Vedat Çavuş, Ümit Ayata, Sırrı Şahin

*Session Chairman / Oturum Başkanı: Dr. Volkan KIRMACI*

*HALL 2 / SALON 2*

08:30-08:50	<b>OPTIMIZATION OF MACHINABILITY PARAMETERS IN EDM OF DIFFERENT TOOL STEELS AT THE SAME HARDNESS</b> Ali KALYON
08:50-09:10	<b>INVESTIGATION OF STATIC STRUCTURAL EFFECT BY FINITE ELEMENT METHOD IN ANSYS SOFTWARE OF AISI 310 AUSTENITIC STAINLESS STEEL CYLINDRICAL STEEL</b> Semih TAŞKAYA
09:10-09:30	<b>AN EXPERIMENTAL PERFORMANCE ANALYSIS OF COUNTER FLOW CASCADE RANQUE-HILSCH VORTEX TUBES SYSTEM WITH FIVE NOZZLES MADE OF POLYAMIDE AND BRASS</b> Volkan KIRMACI
09:30-09:50	<b>AN EXPERIMENTAL INVESTIGATION OF DIFFERENT NOZZLE MATERIALS IN COUNTERFLOW CASCADE RANQUE-HILSCH VORTEX TUBE ON ENERGY-EXERGY ANALYSIS</b> Volkan KIRMACI, Ümit TOPÇUOĞLU
09:50-10:10	<b>ENHANCED COMPRESSIVE STRENGTH OF AZ91 MAGNESIUM ALLOY WITH THE ADDITION OF C60 NANOPARTICLES</b> M. Emre TURAN and Yavuz SUN
10:10-10:30	<b>THE EFFECTS OF THE WELDING PARAMETERS ON TENSILE SHEAR PROPERTIES OF RSW JUNCTIONS OF DP600 STEEL</b> Bilge Demir, Muhammed Elitaş, Mustafa Gökteş

*Session Chairman / Oturum Başkanı: Dr. İlker ERDEM*

*HALL 3 / SALON 3*

08:30-08:50	<b>EXPERIMENTAL INVESTIGATION OF THE EFFECTS OF NANOPARTICLES ON THE ADHESION STRENGTH</b> Sinan AYDIN, Ahmet FERTELLİ
08:50-09:10	<b>EV TİPİ ELEKTRİKLİ CİHAZLARDA ENERJİ VERİMLİLİĞİ</b> Ahmet FERTELLİ, Sinan AYDIN
09:10-09:30	<b>ELEMENTAL ANALYSIS OF SOME TABLE SUGARS PRODUCED IN IRAQ BY USING INDUCTIVELY COUPLED PLASMA-MASS SPECTROMETER (ICP-MS) AND X-RAY FLUORESCENCE (XRF) SPECTROMETER</b> Milad Nazar Abdul Kareem Alghurabi, Sema Öztürk Yıldırım, Ünal Şahinci, and Mustafa Gençaslan
09:30-09:50	<b>SYNTHESIS OF SUPERPARAMAGNETIC IRON OXIDE NANOSTRUCTURES BY HYDROTHERMAL METHOD USING SURFACTAN</b> Özlem Savaş Pekdur and Sema Öztürk Yıldırım
09:50-10:10	<b>DFT STUDIES, SYNTHESIS, BIOLOGICAL ACTIVITY AND CRYSTAL STRUCTURE OF TERT-BUTYL 4-([1,1'-BIPHENYL]-4-YL)-2-METHYL-5-OXO-1,4,5,6,7,8-HEXAHYDROQUINOLINE-3-CARBOXYLATE</b> Sema Öztürk Yıldırım, Zeki Büyükmumcu, Gökalep Çetin, Rahime Şimşek, Cihat Şafak and Ray J. Butcher
10:10-10:30	<b>NANOTECHNOLOGY AND HEALTH EFFECTS: COMPUTATIONAL APPROACHES</b> Esra Karaman, Deniz Boz Eravcı

<b>Session Chairman /Oturum Başkanı: Prof.Dr.Murat CİNİVİZ</b>		<b>HALL 4/ SALON 4</b>
08:30-08:50	<b>INVESTIGATION OF THE EFFECT OF MIXER IN THE FORMATION OF CH<sub>4</sub>, CO AND CO<sub>2</sub> GASES IN BIOGAS REACTOR</b> Murat ŞAHİN	
08:50-09:10	<b>THE EFFECTS ON PERFORMANCE AND EMISSIONS OF FUELS WHICH HAVE HIGH RATE BIODIESEL</b> Murat Ciniviz , İlker Örs and Bahar Sayın Kul	
09:10-09:30	<b>THE EFFECTS OF BIOFUEL BLENDS ON ENGINE PERFORMANCE PARAMETERS AT DIFFERENT INJECTION PRESSURES, AND ANNS APPLICATIONS</b> Murat Ciniviz , İlker Örs and Bahar Sayın Kul	
09:30-09:50	<b>INVESTIGATION OF HYPOEUTECTIC Al-4Si RAPIDLY SOLIDIFIED ALLOYS</b> Ercan KARAKÖSE	
09:50-10:10	<b>STRUCTURAL AND ANTIMICROBIAL EXAMINATION OF ZnO NANOPARTICLES BY GRAPEFRUIT EXTRACT</b> Ercan KARAKÖSE	
10:10-10:30	<b>REINFORCEMENT IMPACT OF SURFACE MODIFIED FILLER ON THE MECHANICAL PROPERTIES OF TEXTILE CONVEYOR BELTS</b> Deniz AKIN SAHBAZ and Caglayan ACIKGOZ	
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Serkan ŞAHİNKAYA</b>		<b>HALL 5/ SALON 5</b>
08:30-08:50	<b>DEVELOPMENT OF CARBON-FIBER ELECTRODES MODIFIED FOR ELECTROCHEMICAL ATP DETECTION</b> Mustafa ŞEN	
08:50-09:10	<b>A PAPER-BASED ELECTROCHEMICAL SENSOR FOR GLUCOSE DETECTION</b> Mustafa ŞEN	
09:10-09:30	<b>SYNTHESIS AND CHARACTERIZATION OF POLY(5-NITRO-2-((PYRIDIN-2-YL)METHYLIDENE)AMINO)PHENOL)-PD(II) CATALYST: INVESTIGATION OF CATALYTIC PROPERTIES IN SUZUKI REACTIONS</b> Nuray Yılmaz Baran	
09:30-09:50	<b>PRODUCTION OF NOISE ISOLATION MATERIAL BY USING PUMICE STONE</b> Serkan Şahinkaya and Halil İbrahim Çamlı	
09:50-10:10	<b>USAGE OF WASTE PAPERS IN NOISE INSULATION MATERIALS</b> Serkan Şahinkaya and Salih Sancar Tural	
10:10-10:30	<b>INFLUENCE OF STARTING POWDER PARTICLE SIZE ON MICROSTRUCTURE AND THERMAL DIFFUSIVITY OF Y<sub>2</sub>O<sub>3</sub> CONTAINING Si<sub>3</sub>N<sub>4</sub> CERAMICS</b> Pınar UYAN and Servet TURAN	
<b>Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Erkan KALIPCI</b>		<b>HALL 6/ SALON 6</b>
08:30-08:50	<b>BİMS ÜRETİMİNDE ÇİNKO CEVHERİ ATIĞI KULLANIMI</b> Zahide BAYER ÖZTÜRK, Gamze GÜLER, Gülsüm CAN	
08:50-09:10	<b>PREDICTION OF DOMESTIC AND DRINKING WATER OF NEVŞEHİR PROVINCE FOR NEXT PROJECTIONS</b> Erkan KALIPCI, Asya PAMUK	
09:10-09:30	<b>EFFECT OF FREE SURFACE EVAPORATION IN NEVŞEHİR CITY ON THE DAMS AND PONDS</b> Erkan KALIPCI, Fulya TAS	
09:30-09:50	<b>THE USAGE OF NEVŞEHİR'S CLAYS IN PRODUCTION OF CERAMIC PRODUCT</b> Zahide Bayer Öztürk, Kasım Ovacık	
09:50-10:10	<b>SURFACE CHARACTERISATION OF HYDROXYAPATITE/CHITOSAN ELECTROSPIN COATING IN Si<sub>3</sub>N<sub>4</sub> CERAMIC BASED MATERIALS FOR BIOMEDICAL APPLICATIONS</b> Pınar Uyan, Mevlüt Gürbüz	
10:10-10:30	<b>OVERVIEW OF HIGH ENTROPY ALLOYS: A REVIEW</b> Yusuf KARACA, Cemal ÇARBOĞA, Murat ESKİL	
<b>10:45-13:00 Kapadokya Kültürel Gezi / Cappadocia Cultural Trip</b>		
<b>POSTERS / POSTER BİLDİRİLER</b>		

**17 SEPTEMBER 2018-17 EYLÜL 2018**

1	<b>STRUCTURAL, ELECTRONIC, OPTICAL AND THERMODYNAMIC PROPERTIES OF <math>Sr_xCa_{1-x}O</math>, <math>Ba_xSr_{1-x}O</math> AND <math>Ba_xCa_{1-x}O</math> ALLOYS</b> M.A. Ghebouli , B. Ghebouli , M. Fatmi , L. Louail
2	<b>SELECTION OF OPTIMUM TILT ANGLE TO MAXIMIZE SOLAR POWER GENERATION USING ARTIFICIAL BEE COLONY ALGORITHM</b> Umer Nazır, Sarbjeet Kaur, Rohit Chahuan
3	<b>BIODEGRADATION IN THE SOIL OF THERMOOXIDIZED POLYPROPYLENE CONTAINING A PRO-OXIDANT</b> F. Djerada - Larfi <sup>a</sup> , K.K. Bentifour <sup>b</sup> , F. Rezgui <sup>a</sup> and S. Kaddour <sup>c</sup>
4	<b>FORMING AND JOINING OF GLASS FIBER REINFORCED THERMOPLASTIC WITH ADVANCED HIGH-STRENGTH STEEL FOR VAN BODY APPLICATIONS</b> Chi-Wah Keong, Yen-Lin Huang and Chih-Yu Chuang
5	<b>THE IMPACT OF QUANTUM DOTS ON ALLIUM CEPA ROOT CELLS</b> Fadime Ceren PEKGÖZ, Deniz ÖZKAN VARDAR and ESRA MARTİN
6	<b>WELDING AND JOINT DESIGN OF RAILWAY STEELS</b> Aziz KÜÇÜKAKBULUT, Bekir DUMAN, Berkehan ÖZEL, Emre SEYHAN, Ufuk KESEN, Özgür ÇINAR, Burcu Nilgün ÇETİNER, Arif Nihat GÜLLÜOĞLU
7	<b>DESIGN OF ARMOR STEEL FOR PERSONEL CARRIERS FOR DEFENCE INDUSTRY</b> Furkan SABIRLI, Kutlukhan Göklen ALTUNER, Mehmet ÖZDEMİR, Özgür ÇINAR, Burcu Nilgün ÇETİNER, Arif Nihat GÜLLÜOĞLU, Cevat SARIOĞLU

**18 SEPTEMBER 2018-18 EYLÜL 2018**

**Presentation Times/Sunum Saati:08:50-12:30**

1	<b>THE AMORPHOUS SPIN-1 ISING MODEL ON THE BETHE LATTICE</b> Erhan Albayrak
2	<b>EFFECTS OF <math>CuO</math> SACRIFIED TEMPLATE AMOUNTS ON THE MORPHOLOGIES OF HEMATITE (<math>Fe_2O_3</math>) NANOSTRUCTURES FOR PHOTOCATALYTIC APPLICATIONS</b> Emre Alp, Halil Eşgin, M. Kürşat Kazmanlı, Aziz Genç
3	<b>THE EFFECT OF ZEEMAN ENERGY ON QUANTUM HALL SYSTEMS</b> Sinem ERDEN GÜLEBAĞLAN, Aylin YILDIZ TUNALI, Nazlı BOZ YURDAŞAN and Gönül BİLGEÇ AKYÜZ
4	<b>2205 VE 2507 DUBLEKS PASLANMAZ ÇELİKLERE UYGULANAN YAŞLANDIRMA ISIL İŞLEMİNİN KOROZYONA ETKİSİ</b> Talip OĞAN, Mustafa ACARER
5	<b>OPTIMIZATION OF TRANSPARENT OXIDE LAYER FOR Si-HETEROJUNCTION SOLAR CELLS</b> Elif Damgaci and Ayse Seyhan
6	<b>ARCHAEOLOGICAL STUDIES OF CERAMIC SLAGS FROM TATARLI HÖYÜK POTTERY KILN</b> Nergis KILINÇ MİRDALI, Serdar GİRGİNER, Özlem OYMAN GİRGİNER
7	<b>PRODUCTION OF NANO SIZE NITRIDE BASED POWDERS WITH HELP OF SURFACTANTS</b> Semra Kurama and Haldun Kurama
8	<b>NEW OPPORTUNITIES FOR FABRICATION OF HIGHLY TRANSLUCENT SiAlON CERAMICS</b> Suna Avcioglu and Semra Kurama

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

1	<b>SYNTHESIS AND CHARACTERIZATION OF AMINE-FUNCTIONALIZED SBA-15 SILICA MATERIALS WITH DIFFERENT PORE SIZES</b> Mukaddes Can
2	<b>ADSORPTION OF CONGO RED ON FUNCTIONALIZED MESOPOROUS SBA-15 SILICA</b> Mukaddes Can, Mustafa Esen Martı
3	<b>EFFECT OF <math>Na_2O/K_2O</math> ON THE SINTERING BEHAVIOUR OF THE SOFT PORCELAIN BODIES</b> Zuhal KARAAĞAÇ, Gonca DURNA, Zehra Emel OYTAÇ
4	<b>EVALUATION OF USE POTENTIAL OF NATURAL ZEOLITES IN ENVIRONMENTAL APPLICATIONS</b> Hüseyin Cüce
5	<b>THE ROLE OF ANNEALING TEMPERATURE ON PHOTOCATALYTIC PROPERTIES OF ZNO THIN FILMS FABRICATED BY RF MAGNETRON SPUTTERING TECHNIQUE</b> Hilal NARSAT, Mehmet KURU and Fatma KILIÇ DOKAN
6	<b>ELECTROCHEMICAL PRODUCTION AND PHOTOCATALYTIC ACTIVITY OF PANI/POPD/FE COMPOSITE FILM</b>

	Bircan HASPULAT, Handan KAMIŞ, Fatih Ekrem ONAT
7	<b>FACILE SYNTHESIS AND CHARACTERIZATION OF UV AND VISIBLE LIGHT DRIVEN PHOTOCATALYST: CoO</b> Bircan HASPULAT, Handan KAMIŞ
8	<b>HYDROGEN STORAGE IN CARBON NANO-TUBES</b> Nilüfer KÜÇÜKDEVECİ, Tuna GÜLŞEN, Burak GÜN

**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.