

IMSMATEC'19 PROGRAM

21 JUN 2019-21 HAZİRAN 2019

09:30-12:30	REGISTRATION/KAYIT
12:30-13:30	LUNCH/ÖĞLE YEMEĞİ
13:30-14:00	OPENING CEROMONY/AÇILIŞ TÖRENİ
14:00-14:20	INVITED SPEAKER: Prof.Dr.Burhanettin İNEM The Engineering Materials; A Future Perspective
14:20-14:40	INVITED SPEAKER: Prof.Dr.Igor Vakulenko The Effect Of Stress Pulses On The Cyclic Endurance Of Steel Axle Wheel-Set
14:40-15:00	INVITED SPEAKER: Prof. Dr. Levan Chkhartishvili On Obtaining Boron Carbide Based Nanocomposites
15:00-15:30	COFFE BREAK / ÇAY-KAHVE ARASI
SESSION 1 / OTURUM 1	
Session Chairman /Oturum Başkanı: Prof.Dr.Halil ARIK HALL 1 / SALON 1	
15:30-15:50	DFT EXPLORATION OF MOLECULAR SELF-ASSEMBLIES ON NOBLE METALS: AROMATIC VERSUS ALIPHATIC THIOLS ON Au(111) SURFACE Yeliz Gürdal
15:50-16:10	INVESTIGATION OF PHYSICAL PROPERTIES OF RECYCLED POLYPROPYLENE/RICE HUSK POLYMER COMPOSITE Elif ULUTAŞ, Münir TAŞDEMİR, E. Dilara KOÇAK
16:10-16:30	INVESTIGATION OF MECHANICAL PROPERTIES OF RECYCLED POLYPROPYLENE/RICE HUSK POLYMER COMPOSITE Elif ULUTAŞ, Münir TAŞDEMİR, E. Dilara KOÇAK
16:30-16:50	THE INVESTIGATION OF THE EFFECTS OF CARBONIZED AND UNCARBONIZED ORANGE PEEL POWDER ON THE MECHANICAL PROPERTIES OF POLYPROPYLENE Zilan TEKE, Merve SIRTIKARA, Kutay Arda ŞAHİN, Münir TAŞDEMİR
16:50-17:10	INVESTIGATION OF THE EFFECTS OF CARBONIZED AND UNCARBONIZED ORANGE PEEL POWDER ON THE PHYSICAL PROPERTIES OF POLYPROPYLENE Merve SIRTIKARA, Zilan TEKE, Kutay Arda ŞAHİN, Münir TAŞDEMİR
17:10-17:30	DESIGN AND FEA ANALYSIS OF CERVICAL DISC PROSTHESIS WITH DIFFERENT GEOMETRIES AND POROUS STRUCTURES Hüccet KAHRAMANZADE
17:30-17:50	BIOFILM FORMATION ON IODINATED POLY-3-HYDROXY BUTYRATE COATED SURFACE Arzu EROL
Session Chairman /Oturum Başkanı:Prof.Dr.Hayrettin AHLATÇI HALL 2 / SALON 2	
15:30-15:50	THEORETICAL DESIGN AND TEMPERATURE DEPENDENCE OF SINGLE JUNCTION INGAN SOLAR CELL Tuğçe Ataşer
15:50-16:10	INVESTIGATION OF THE NEODYMIUM ADDITIVE ZK60 MAGNESIUM ALLOY MICROSTRUCTURE, MECHANICAL PROPERTIES AND FATIGUE BEHAVIOR Hatice Sönmez, Yunus Türen, Hayrettin Ahlatçı, Mehmet Ünal, Hüseyin Zengin
16:10-16:30	INVESTIGATION OF THE EFFECT OF GNP ADDITION ON EPOXY RESIN IN 2024 T3 ALUMINUM MATRIX AND UD CARBON FIBER REINFORCED LAMINATED COMPOSITES Mustafa Yunus AŞKIN, Yunus TÜREN, Yavuz SUN
16:30-16:50	INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF WE43-xZn MAGNESIUM ALLOYS Yasin Subaşı, Yunus Türen, Hayrettin Ahlatçı
16:50-17:10	INVESTIGATION OF EXTRUSION DIE FOOT AND PROCESS PARAMETERS AFFECTING LONGITUDINAL WELDING QUALITY OF PROFILES PRODUCED BY ALUMINUM EXTRUSION METHOD Murat KONAR, Mehmet Buğra GÜNER
17:10-17:30	OPTIMIZATION OF WELDING PARAMETERS SPOT PLUG WELDED WITH CMT TECHNIQUE GALVANIZED DP600 SHEET AND AA8006 SHEET FOR AUTOMOBILE INDUSTRY Murat KONAR, Osman Nuri TUTKUN , Salim ASLANLAR, Erdinç İLHAN

Session Chairman /Oturum Başkanı:Dr.Kemal YAMAN		HALL 3 / SALON 3
15:30-15:50	EXPERIMENTAL INVESTIGATION OF TOOL TIP BUILDS UP EDGE (BUE) FORMATION AND THE EFFECT OF BUE ON CHIP MORPHOLOGY IN TURNING OPERATION Kemal Yaman, Mustafa Başaltın	
15:50-16:10	INFLUENCE OF CHEMICAL COMPOSITION AND HEAT TREATMENT ON MECHANICAL PROPERTIES OF EXTRUDED 6082 ALUMINUM ALLOYS Osman H. Çelik, Mert Altay, M. Buğra Güner, Görkem Özçelik, Ö. Yıldız	
16:10-16:30	EVALUATION OF DRILLED HOLE QUALITY ON 2011 T6 ALUMINUM ALLOY Osman Halil Çelik, Özgür Batman	
16:30-16:50	EFFECT OF CHEMICAL COMPOSITION AND HEAT TREATMENT ON THE MECHANICAL PROPERTIES OF 6061 ALUMINUM ALLOY Osman Halil Çelik, Görkem Özçelik, Mert Altay, M. Buğra Güner	
16:50-17:10	EFFECTS OF VARIOUS ARTIFICIAL AGING TEMPERATURE AND TIME COMBINATIONS ON EXTRUDED EN AW 6063 ALUMINIUM ALLOY Mehmet Buğra Güner, Osman Halil Çelik, Serkan Özcan, Görkem Özçelik	
17:10-17:30	PRODUCTION OF Al₂Ce INTERMETALLIC REINFORCED Al MATRIX COMPOSITES AND INVESTIGATION OF WEAR PERFORMANCE Sezgin Cengiz, Mertcan Kaba, Doğukan Çetiner, Hüseyin Çimenoğlu	
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Fatih HAYAT		HALL 4 / SALON 4
15:30-15:50	INVESTIGATION OF RSW JOINT WITH ALUMINUM ALLOYS OF ZINC COATED DP STEEL Fatih HAYAT	
15:50-16:10	IMPACT STRENGTH PROPERTIES OF ULTRA-HIGH STRENGTH STEELS AND THEIR APPLICATION TO AUTOMOTIVE Fatih HAYAT, Ziya TOKAN	
16:10-16:30	APPLYING SPIN WELDING TECHNIQUE ON AUTOMOBILE FUEL FILLING PIPES Mehtap HİDİROĞLU, Serhat DİNÇEL, Orhan SERÇE, Hüseyin KARABULUT	
16:30-16:50	FUEL EFFICIENT GEAR SHIFT SELECTION ALGORITHM FOR AN URBAN BUS Volkan Bekir YANGIN, Özgen AKALIN, Osman Taha ŞEN	
16:50-17:10	THE EFFECT OF GLASS BEADS FILLER CONTENT ON THE MECHANICAL AND TRIBOLOGICAL PERFORMANCE OF P-PVC FOR USE IN AUTOMOTIVE WIRE AND CABLE INSULATION Huseyin Unal and Meltem Gunay Tek	
17:10-17:30	USEABILITY OF BORON WASTE FILLER IN PLASTICIZED-PVC FOR AUTOMOTIVE WIRE AND CABLE Huseyin Unal and Meltem Gunay Tek	
Session Chairman /Oturum Başkanı:Prof.Dr.Yavuz SUN		HALL 5 / SALON 5
15:30-15:50	BORONIZING AND CHARACTERIZATION OF GJS-700-2 DUCTILE CAST IRON Özge FIRTINA, Emre YALAMAÇ, İlyas TÜRKMEN	
15:50-16:10	EFFECT OF NANO SIC REINFORCEMENT ON CORROSIVE WEAR BEHAVIOR OF Mg-6Al-1Zn MATRIX COMPOSITE Muhammet Emre TURAN and Yavuz SUN	
16:10-16:30	TRIBOCORROSION BEHAVIORS OF THERMAL SPRAYED COATINGS Mecit ÖGE ve A. Cahit KARAOĞLANLI	
16:30-16:50	RECENT DEVELOPMENTS IN THERMAL BARRIER COATING (TBC) TECHNOLOGY AGAINST HIGH TEMPERATURE OXIDATION Mecit ÖGE, M.Bahattin ÇELİK, ve A. Cahit KARAOĞLANLI	
16:50-17:10	HIGH TEMPERATURE WEAR BEHAVIOR OF HVOF-SPRAYED CARBIDE-BASED COMPOSITE COATINGS Mecit ÖGE, M.Bahattin ÇELİK, ve A. Cahit KARAOĞLANLI	
17:10-17:30	EXAMINATION OF THE WEAR PROPERTIES OF AA7075 BASED CERAMIC PARTICLE REINFORCED HYBRID/COMPOSITE MATERIALS Zübeyde ÖZKAN, Hakan GÖKMEŞE, Uğur GÖKMEN	
Session Chairman /Oturum Başkanı: Dr.Metin ZEYVELİ		HALL 6/ SALON 6
15:30-15:50	EFFECT OF AGING TREATMENT ON THE TENSILE PROPERTIES AND FRACTURE BEHAVIOR OF 6061-T6 AND 7075-T651 ALUMINIUM ALLOYS Sadettin SAHİN	
15:50-16:10	AN ANALYSIS FOR SCAFFOLD PREVENTION METHODS IN BLAST FURNACE Mustafa Yıldırım, Sadettin Şahin, Fatih Hayat	
16:10-16:30	SPRINGBACK BEHAVIOUR OF MULTI-LAYERED SHEET METALS Halis Sefa SAĞLAM, Cengiz Görkem DENGİZ, Kemal YILDIZLI	

16:30-16:50	EXPERIMENTAL INVESTIGATION ON FORMABILITY OF EN AW 1070A H22 ALUMINIUM ALLOY Cüneyt KARACA, Cengiz Görkem DENGİZ, Kemal YILDIZLI
16:50-17:10	THE INFLUENCE OF TOOL GEOMETRY ON SURFACE ROUGHNESS AND CHIP FORMATION IN MACHINING OF DIN 2738 STEEL Metin ZEYVELİ
17:10-17:30	THE EFFECT OF MODIFICATION AND GRAIN REFINING ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF ALSİCU (LM24) ALUMINUM ALLOY Tansel TUNÇAY
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Uğur ÇALIGÜLÜ HALL 7/ SALON 7	
15:30-15:50	ELECTRONIC AND OPTICAL PROPERTIES OF HYDROXYPYRENE UPON SUBSTITUTION OF CARBON BY SILICON AND GERMANIUM İskender MUZ
15:50-16:10	A STUDY ON SILICON DETECTORS T. Ozdemir Oge, S. Ozkorucuklu
16:10-16:30	OPTICAL LENSES AND OPHTHALMIC LENS ASSEMBLY STEPS T. Ozdemir Oge
16:30-16:50	INVESTIGATION OF FLOW AND TERMOMECHANICAL PERFORMANCE OF VENTILATED BRAKE DISCS USED IN HEAVY DUTY VEHICLES İbrahim Can Güteryüz, Barış Yılmaz
16:50-17:10	INVESTIGATION OF THE PARAMETERS AFFECTING EFFICIENCY IN HAND BRAKE CONTROL WIRES USED IN A VEHICLE Samet REÇEL, EMRE ÇALIŞKAN, Halil ACAR, Hüseyin KARABULUT , Mehtap HİDİROĞLU, Hilal CAN
17:10-17:30	AN INVESTIGATION ON WEAR BEHAVIOUR OF ALUMINIUM BRONZES Mehmet ÜNAL, Hatice SÖNMEZ , Yunus TÜREN, Hayrettin AHLATÇI
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Emre YALAMAÇ HALL 8/ SALON 8	
15:30-15:50	CRYSTALLIZATION AND CHARACTERIZATION OF LITHIUM SILICATE GLASS-CERAMICS Emre YALAMAÇ , Mücahit SÜTÇÜ, ve Aytaç ÇİDEM
15:50-16:10	THE DETERMINATION OF MINERALOGICAL-PETROGRAPHICAL AND GEOCHEMICAL PROPERTIES OF FELDSPARS OF BULDAN (DENİZLİ) PROVINCE FOR THEIR USAGE IN CERAMIC INDUSTRY Ahmet YILDIZ, Bahri ERSOY, Haydar BAŞER, Can BAŞARAN, Metin BAĞCI
16:10-16:30	THE EFFECT OF TALC ON THE SANITARY WARE PRODUCT FIRING PROPERTIES AS AN MELTING RAW MATERAIL Zahide BAYER ÖZTÜRK, Furkan PELEN, Deniz REYHANIYE, Muharrem GÜRGEN, Kadir Kaan KARAVELİ
16:30-16:50	COPPER AND SILVER CRYSTALS IN LUSTER GLAZES:DEVELOPMENT AND CHARACTERIZATION Nergis KILINÇ MİRDALI, Mine TAYKURT DADAY, Mustafa DADAY
16:50-17:10	UTILIZATION OF NATURAL MATERIALS FOR BACTERIAL SUPPRESSION Mustafa DADAY, Nurten YILMAZ, Mine TAYKURT DADAY
17:10-17:30	WASTE MANAGEMENT APPLICATION:RED-FIRED PRODUCT BASED GEOPOLYMER Mustafa DADAY, Mine TAYKURT DADAY
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Soner BUYTOZ HALL 9/ SALON 9	
15:30-15:50	THE EFFECT OF PLURONIC SURFACTANT ON PREPARATION OF MESOPOROUS MnO₂ FOR SUPERCAPACITOR APPLICATIONS Sevde Aydogdu and Ece Unur
15:50-16:10	TEMPLATE-ASSISTED SYNTHESIS OF GRAPHENE/METAL OXIDE NANOCOMPOSITES FOR ENERGY STORAGE APPLICATIONS Sevde Aydogdu and Ece Unur
16:10-16:30	OPTIMIZATION AND ANALYSIS OF EFFECTS OF CUTTING PARAMETERS ON SURFACE ROUGHNESS IN TURNING AA 7075 ALLOY Mahir AKGÜN, Barış ÖZLÜ, Halil DEMİR
16:30-16:50	AN INVESTIGATION INTO THE EXPERIMENTAL AND FINITE ELEMENT ANALYSIS OF CUTTING FORCES IN TURNING OPERATIONS Al 6063-T6 ALUMINUM ALLOY Barış ÖZLÜ, Mahir AKGÜN and Halil DEMİR
16:50-17:10	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF CUTTING FORCE IN TURNING OF Al 6063-T6 ALUMINUM ALLOY Barış ÖZLÜ, Mahir AKGÜN and Halil DEMİR

17:10-17:30	EXPERIMENTAL AND NUMERICAL INVESTIGATION OF CUTTING FORCE IN TURNING OF AA 7075 ALLOY Mahir AKGÜN, Barış ÖZLÜ, Halil DEMİR
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Mehmet ÜNAL HALL 10/ SALON 10	
15:30-15:50	H-SHAPED MICROSTRIP PATCH ANTENNA FABRICATIONS AND MODELLING BY USING ARTIFICIAL NEURAL NETWORK METHOD Hamdullah Öztürk, Yakup Hameş, Oğuzhan Akgöl, Bektaş Çolak
15:50-16:10	MULTILAYER PLASMONICS FOR VISIBLE BROADBAND ABSORPTION Ekin Aslan and Erdem Aslan
16:10-16:30	BROADBAND PLASMONIC ABSORBER FOR VISIBLE LIGHT Erdem Aslan and Ekin Aslan
16:30-16:50	VERIFICATION OF A TURBOMACHINE, AN ELECTRICAL SUBMERSIBLE PUMP, DESIGN AND ANALYSIS IN A CASE STUDY Manolya Akdemir and Altan Ogun
16:50-17:10	AN INTEGRATED COMPACT AXIAL FAN DESIGN AND ANALYSIS IN A CASE STUDY: A REFRIGERATOR VOLUME WITH THERMOELECTRIC COOLER SYSTEM Manolya Akdemira, Ahmet Yılanıcı, Engin Çetin
17:10-17:30	RASPBERRY PI BASED OBJECT DETECTION AND TRACKING ROBOT DESIGN AND MODELING Taner YILMAZ, Mehmet ÇAVAŞ
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Çetin ÖZAY HALL 11/ SALON 11	
15:30-15:50	AISI-420 MARTENZİTİK PASLANMAZ ÇELİKLERİN TOZ ENJENSİYON KALIPLAMA METODU KULLANILARAK ÜRETİLMESİ VE MİKROYAPI, MEKANİK VE KOROZYON ÖZELLİKLERİNİN İNCELENMESİ Lütfi YAKUT, H.Özkan GÜLSOY
15:50-16:10	BRONZ PARÇALARIN SEÇİCİ LAZER ERGİTME (SLM) METODU İLE ÜRETİLMESİ : MİKROYAPI VE MEKANİK ÖZELLİKLER Mustafa Naci TOP, H. Özkan GÜLSOY
16:10-16:30	TIG KAYNAĞI İLE BİRLEŞTİRİLMİŞ INCONEL 718 MALZEMENİN YAŞLANDIRMA ISIL İŞLEMLERİ SONRASINDA MİKROYAPI VE SERTLİK ÖZELLİKLERİNİN İNCELENMESİ Akay Nevcanoğlu, S. Serdar PAZARLIOĞLU, Serdar SALMAN
16:30-16:50	THE EFFECT OF MAGNESIUM OXIDE ADDITIVE ON THE SINTERABILITY, MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF HYDROXYAPATITE Ogulcan Algan, Ahmet Mert Isikogullari, Serdar Pazarlioglu
16:50-17:10	EXPERIMENTAL MEASUREMENT OF AM-241, AM-241: PU-239: CM-241 ACTIVITY USING A MULTICHANNEL SILICON-BASED RADIATION DETECTOR Firdevs Banu ÖZDEMİR, Suat ÖZKORUCUKLU, Nuri ÖZEK
17:10-17:30	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AS-CAST AND ROLLED ZM21 MAGNESIUM ALLOY Ümit ÖZDEMİR and Erkan KOÇ
17:30-17:50	CHROME FROM PRODUCTION WASTES RECOVERY WITH FLOTATION METHOD Ufuk TAŞCI, Bülent BOSTAN
20:30-	MÜZİK DİNLETİSİ
22 JUN 2019-22 HAZİRAN 2019	
SESSION 2 / OTURUM 2	
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Hakan GÖKMEŞE HALL 1/ SALON 1	
08:50-09:10	NUMERICAL ANALYSIS OF HYPER ELASTIC RUBBER PLATES UNDER LOW VELOCITY IMPACT LOADING Mustafa ALBAYRAK, Mete Onur KAMAN
09:10-09:30	PRODUCTION OF MANGANESE PHOSPHATE FROM PSILOMELANE ORE Meltem Bolluk, Veli Görkem Efe, Cüneyt Arslan, İsmail Duman
09:30-09:50	INVESTIGATION OF THE PHYSICAL PROPERTIES OF MICA POWDER REINFORCED RUBBER MATERIAL Şaban BÜLBÜL
09:50-10:10	PRODUCTION OF HYBRID COMPOSITE MATERIAL AA7075 METAL MATRIX (MICA-B₄C) REINFORCED AND INVESTIGATION OF MICRO STRUCTURE AND MATERIAL PROPERTIES Beytullah ARSLAN, Hakan GÖKMEŞE, Şaban BÜLBÜL, HÜSEYİN ARIKAN

10:10-10:30	STUDYING THE EFFECT OF THE STRUCTURAL CONDITION OF CARBON STEELS AND CARBON CONTENT IN THEM CARBON ON THE DESTRUCTION MECHANICS DURING DURING CYCLIC LOADING Dr. Babachenko Oleksandr I., Kononenko G. A. , Podolskyi R.V., Asgarov K., Çuğ H.
Session Chairman / Oturum Başkanı: Dr. Müge TARHAN HALL 2 / SALON 2	
08:50-09:10	NUMERICAL ANALYSIS OF LOW VELOCITY IMPACT BEHAVIOR OF SANDWICH PLATES HAVING SQUARE CELL İlyas BOZKURT, Mete Onur KAMAN
09:10-09:30	THE EFFECTS OF VARIOUS WELDING PROCEDURES ON THE MECHANICAL AND MICROSTRUCTURAL PROPERTIES OF X60 STEEL PIPES Onur ALTUNTAŞ, Emre ÖZER and Demet ZALAOĞLU
09:30-09:50	INFLUENCE OF SINTERING PARAMETERS ON DENSIFICATION AND HARDNESS OF ALUMINUM HYBRID COMPOSITES REINFORCED WITH B₄C AND Al₂O₃ PARTICLES Burak KÜÇÜKOĞLU, Demet ZALAOĞLU, Emre ÖZER and Mehmet AYVAZ
09:50-10:10	KINETICS STUDY FOR THE ADSORPTION OF METHYLENE BLUE ON COCONUT SHELL BASED ACTIVATED CARBON PREPARED BY ZnCl₂ Hatice Karaer Yağmur, İsmet Kaya
10:10-10:30	TWIN-DISC ROLLER TESTER DESIGN FOR TRAIN WHEEL AND RAIL WEAR CONFIGURATION Harun CUG and Mustafa DURSUNLAR
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr. Çetin ÖZAY HALL 3 / SALON 3	
08:50-09:10	24 HOURS VERIFICATION TEST IN PRIMARY FREQUENCY CONTROL PERFORMANCE TEST Dr. Öğr. Üyesi Aydın DİKİCİ, Muhammed SOMUNKIRAN
09:10-09:30	STRUCTURAL PROPERTIES OF INGAN/ITO THIN FILM PRODUCED WITH THERMIONIC VACUUM ARC FOR THE VARIOUS APPLIED VOLTAGE Asim MANTARCI
09:30-09:50	%1 (ağ.ol) Ca İLAVELİ AZ31 Mg ALAŞIMLARININ AŞINMA ÖZELLİKLERİNE HADDE HIZININ ETKİSİ Taher Ali Issa YOUSEF, Hayrettin AHLATCI, İsmail Hakkı KARA, Yunus TÜREN
09:50-10:10	BİLYELİ DÖVME VE MAO İŞLEMİ UYGULANMIŞ 4,7M/DK VE 10M/DK HADDE HIZLARINDA HADDELENMİŞ AZ31-%0,5LA ALAŞIMININ KOROZYON DİRENCİNİN İNCELENMESİ İsmail Hakkı KARA, Galal Amhmed Ali ELMENSOURI, Hayrettin AHLATCI
10:10-10:30	INVESTIGATION OF THE EFFECT OF PRESSING TEMPERATURE ON THE MECHANICAL PROPERTIES OF Al-SiC POWDER METAL COMPOSITE MATERIAL Halil Arık, İrem Özen Maden
Session Chairman / Oturum Başkanı Prof.Dr.Yavuz SUN HALL 4 / SALON 4	
08:50-09:10	THE EFFECT OF ELECTROLYTE CONCENTRATION ON MICROSTRUCTURE AND CORROSION BEHAVIOR OF AA7075 ALLOYS TREATED VIA PLASMA ELECTROLYTIC OXIDATION F. Songur, E. Arslan, B. Dikici, M.E. Kocadağistan
09:10-09:30	INVESTIGATION OF HARDNESS AND MICROSTRUCTURAL PROPERTIES OF AA7075 ALLOY BY ECAP METHOD Taha Alper YILMAZ, Yaşar TOTİK, Güzide Meltem Lüle ŞENÖZ, Taha Çağrı ŞENOCAK, İhsan EFEÖĞLU
09:30-09:50	COMPARISON OF CORROSION RESISTANCE OF ZINC ALLOY COATINGS AND EXAMINATION OF THE EFFECT OF GALVANIC CORROSION Özlem Ecem KAPUCUOĞLU, Erhan AKARÇAY
09:50-10:10	RESEARCH OF THE EFFECT OF THE COMBINATION OF 6000 SERIES ALUMINUM AND STAINLESS-STEEL MATERIALS ON GALVANIC CORROSION Erhan AKARÇAY, Özlem Ecem KAPUCUOĞLU
10:10-10:30	MICROSTRUCTURE PROPERTIES OF TI BASED FGMS BY USING PM Abdualkarim Musbah M. GARIBA and Serkan ISLAK
Session Chairman / Oturum Başkanı: Assor.Prof.Dr.Yunus TÜREN HALL 5 / SALON 5	
08:50-09:10	INVESTIGATION THE SYNTHESIS PROCEDURE ON DISPERSION BEHAVIOR OF POLY(SODIUM 4-STYRENESULFONATE)-MODIFIED BENTONITE IN AQUEOUS MEDIA Merve OKUTAN
09:10-09:30	THE INVESTIGATION OF THE EFFECTS OF EXPANDED VERMICULITE ON THE PHYSICAL PROPERTIES OF HDPE POLYMER Alper TOKKUŞ, Elif UZUN, Münir TAŞDEMİR
09:30-09:50	THE INVESTIGATION OF THE EFFECTS OF EXPANDED VERMICULITE ON THE MECHANICAL PROPERTIES OF HDPE POLYMER

	Gizem Şimşek, Alper Tokkuş, Elif Uzun, Münir Taşdemir
09:50-10:10	SYNTHESIS AND CHARACTERIZATION OF AMINE DERIVATIVE MONOMERS Yeliz ULAŞ
10:10-10:30	Ru(II) BENZENE COMPLEX OF CHIRAL PHOSPHINITE: INVESTIGATION OF ITS CATALYTIC ACTIVITY IN ASYMMETRIC TRANSFER HYDROGENATION OF KETONES Nevin ARSLAN
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr. Uğur ÇALIGÜLÜ HALL 6/ SALON 6	
08:50-09:10	INVESTIGATION OF WEAR RESISTANCE OF AISI 304 AND AISI 316L STAINLESS STEELS COATED Cr₃C₂ BY HVOF METHOD Mustafa Türkmen, Uğur Çaligülü Mehtap Türkmen, Gülsüm Bölükbaşı
09:10-09:30	INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AUSTENITIC STAINLESS STEELS CERAMIC COATED WITH THERMAL SPRAY COATING METHOD Uğur Çaligülü, Mustafa Türkmen, Zeliha Aydeniz, Ebru Tufanoğlu
09:30-09:50	JOINING OF AISI 304 / RAMOR 400 STEEL COUPLE WITH PTA WELDING METHOD AS 140 A WELDING ARC POWER Ali Kaya GÜR, Hasan BALLIKAYA, Necmettin YİĞİTTÜRK
09:50-10:10	THE THEORETICAL EVALUATION OF ABRASIVE ABRASION BEHAVIOR BY USING A TAGUCHI APPROACH Ali Kaya GÜR, Çetin ÖZAY, Büşra İÇEN
10:10-10:30	INVESTIGATION OF COATABILITY WITH POWDER Cr₃C₂ OF AUSTENITIC STAINLESS STEEL COATED WITH HVOF METHOD Halil Dikbaş, Mustafa Türkmen, Uğur Çaligülü, Gülsüm Bölükbaşı
Session Chairman /Oturum Başkanı: Dr.Tuba BAHTLI HALL 7/ SALON 7	
08:50-09:10	INVESTIGATION OF THE EFFECTS OF RED MUD ON THE PROPERTIES OF CERAMIC WALL TILE BODY Tuna Aydın
09:10-09:30	THE EFFECTS OF BLAST FURNACE SLAG ON THE PROPERTIES OF CERAMIC WALL TILE BODY Tuna Aydın
09:30-09:50	INVESTIGATION OF THE USE OF PRECISION CASTING SAND WASTE OF COBALT IN HIGH ALUMINA REFRACTORY BRICKS Tuba BAHTLI and Veysel Murat BOSTANCI
09:50-10:10	THE INVESTIGATION OF PROPERTIES OF MANUAL SHAPED BRICK WITH NANO-SILICA Gökhan Görhan, Arif İnan
10:10-10:30	INVESTIGATION OF HYDROPHOBIC COATED PORCELAIN TILE SURFACE PROPERTIES Mehmet Behlül Kayalı, Gökhan Açıkbaş, Nurcan Çalış Açıkbaş
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr. Khangardash ASGAROV HALL 8/ SALON 8	
08:50-09:10	CHARACTERIZATION OF Ti₃SiC₂-CNF MATERIALS BY POWDER METALLURGY İbtesam SAID SHNEEB SAID and Serkan ISLAK
09:10-09:30	PRODUCTION AND CHARACTERIZATION OF ELECTRODEPOSITED NICKEL/GRAPHENE COMPOSITE COATINGS Kemal Aydın and Harun Mindivan
09:30-09:50	CHARACTERIZATION OF BRONZE MATRIX TiC/MO₂C REINFORCED FGMS Aimen Mohamed ABUSHRAIDA and Serkan ISLAK
09:50-10:10	THE THEORETICAL DESCRIPTION FOR THE MAGNEZONE XC -ASSISTED MAGNESIUM CATION ELECTROCHEMICAL DETERMINATION. A NEW ARRANGEMENT FOR AN OLD SONG Volodymyr V. Tkach, Marta V. Kushnir, Nataliia M. Omelchenko, Myron S. Rogozynsky, Silvio C. de Oliveira, Yana G. Ivanushko, Oleksandra V. Ahafonova, Petro I. Yagodynets
10:10-10:30	THE THEORETICAL DESCRIPTION FOR DIETHYLAZODICARBOXYLATE ELECTROCHEMICAL DETERMINATION, ASSISTED BY NOVEL NAPHTHOQUINONIC COMPOUNDS Volodymyr V. Tkach, Marta V. Kushnir, Silvio C. de Oliveira, Yana G. Ivanushko, Alla V. Velyka Adriano O. da Silva, Petro I. Yagodynets
Session Chairman /Oturum Başkanı: Prof.Dr.Şükrü TALAŞ HALL 9/ SALON 9	
08:50-09:10	INVESTIGATION OF WEAR PERFORMANCE OF CERAMIC COATED CAST IRON BRAKE DISC ON VEHICLE TEST Recep Akyüz, Ekrem Altuncu, Zekeriya Kolbasar; Suna Aksel Atlıhan
09:10-09:30	SURFACE CHARACTERIZATION OF AISI 4140 STEEL COATED WITH DIFFERENT

	MATERIALS WITH ELECTRO SPARK DEPOSITION METHOD Yusuf KAYALI, Şükrü TALAS
09:30-09:50	INVESTIGATION OF DIFFUSION KINETICS OF BORONIZED HARDOX STEELS Yusuf KAYALI, Rıza KARA
09:50-10:10	INVESTIGATION OF CHARACTERIZATION AND MECHANICAL PROPERTIES, USE OF METAL COATED DIAMOND AND WC IN SOCKET PRODUCTION Halit Sübütay, Mehmet Şimşir
10:10-10:30	
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Erkan KOÇ HALL 10 / SALON 10	
08:50-09:10	TAILORING THE ELECTROCHEMICALLY ACTIVE PbO₂ PHASES Hatice Gökdemira, Mehmet Ali Gülgün, Cem Hakan Yılmaz, Cem Açıksarı, Muhsin Mazman
09:10-09:30	INVESTIGATION OF THE EFFECT OF AGING PROCESS ON MECHANICAL PROPERTIES OF Ti-15V-3Al-3Sn-3Cr ALLOY Nihal YUMAK, Kubilay ASLANTAŞ, Ahmet ÇETKİN
09:30-09:50	THE EFFECT OF PRE-AGING PROCESSES ON THE MECHANICAL PROPERTIES OF METASTABIL TITANIUM ALLOY IN DUPLEX AGING Nihal YUMAK, Kubilay ASLANTAŞ, Ahmet ÇETKİN
09:50-10:10	ACTIVE SUSPENSION CONTROL IN QUARTER CAR MODEL Halil Kılıç, Başar Özkan
10:10-10:30	
10:30-10:50	COFFE BREAK / ÇAY-KAHVE ARASI
SESSION 3 / OTURUM 3	
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Bülent AKTAŞ HALL 1 / SALON 1	
10:50-11:10	INFLUENCE OF Er₂O₃ ON STRUCTURAL AND MECHANICAL PROPERTIES OF BOROSILICATE GLASS Bülent Aktaş, Mehmet Albaşkara and Şerife Yalçın
11:10-11:30	INVESTIGATION OF THE EFFECT OF PARAMETERS ON SURFACE ROUGHNESS IN 7075 T6 ALUMINUM ALLOY TURNING WITH TAGUCHI APPROACH Neslihan Ozsoy
11:30-11:50	OPTIMIZATION OF THE PARAMETERS ON SURFACE ROUGHNESS IN AISI 1040 STEEL MILLING Neslihan Ozsoy, Murat Ozsoy
11:50-12:10	THE MECHANICAL BEHAVIOUR OF BOLTED AND ADHESIVELY BONDED COMPOSITE TO ALUMINIUM JOINTS Ahmet Faruk KURAR, Levent KIRKAYAK
12:10-12:30	PRODUCTION OF REPLICATED TRABECULAR BONE STRUCTURE BY SLM METHOD USING Ti6Al4V POWDER AND OBSERVATION OF GEOMETRIC ACCURACY Furkan Küçükaltun, Arif Balcı, M. Fatih Aycan, Yusuf Usta, Teyfik Demir
Session Chairman / Oturum Başkanı: Dr.Baran TARHAN HALL 2 / SALON 2	
10:50-11:10	THE EFFECT OF POWDER SIZE ON WEAR AND FRICTION BEHAVIOR OF BORIDED DUCTILE IRON Fatma Unal and Ahmet Topuz
11:10-11:30	THE EFFECT OF PREPARATION METHOD ON DISPERSITY AND STABILITY OF PSS-DECORATED CLINOPTILOLITE IN WATER Filiz Boran
11:30-11:50	THE EFFECT OF SURFACE SCREENING SPEED AND SCREEN DISTANCE ON SURFACE ENERGY IN THE PROCESS OF SURFACE ENERGY IN ATMOSPHERIC PLASMA Kadir ÇAVDAR, Serkan SONCU, Bilgin DALLI Erkut YAVUZ
11:50-12:10	A COMPARATIVE INVESTIGATION OF THE WEAR BEHAVIOR OF REDUCED GRAPHENE OXIDE FILLED UHMWPE COMPOSITE UNDER DRY AND WATER ENVIRONMENTS Alime Çolak, Ferda Mindivan, Meryem Göktaş
12:10-12:30	PRODUCTION AND CHARACTERIZATION OF ELECTRODEPOSITED NICKEL/GRAPHENE COMPOSITE COATINGS Kemal Aydın, Ferda Mindivan and Harun Mindivan
Session Chairman / Oturum Başkanı: Dr.Tuna AYDIN HALL 3 / SALON 3	
10:50-11:10	EFFECT OF ULTRASONIC STIRRER ON THE MECHANICAL PROPERTIES OF ROSIN-BASED BIO-EPOXY RESIN Gökhan DEMİRCAN, Murat KISA, Mustafa ÖZEN, Abuzer AÇIKGÖZ, Bülent AKTAŞ, Mehmet Ali KURT
11:10-11:30	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF CuO NANOPARTICLE ADDITIVE ON

	PARAFFIN HEAT STORAGE Yunus DEMİRTAŞ, Hüsamettin BULUT, Gökhan DEMİRCAN
11:30-11:50	EPOKSİ/BNNS NANO KOMPOZİT ÜRETİMİ VE KARAKTERİZASYONU Seval Hale GÜLER, Neval Akçalıoğlu, Fethi Dağdelen
11:50-12:10	THE PRODUCTION OF GRAPHENE NANOPATES VIA DIRECT EXFOLIATION OF GRAPHITE BY USING METASULFONIC ACID Mükremin Tekeli, Mustafa Taşkın, Ömer Güler, Öyküm Başgöz, Seval Hale Güler
12:10-12:30	
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Ali KAYA GÜR HALL 4/ SALON 4	
10:50-11:10	COMPARISON OF PROPERTIES OF COBALT BASED METAL MATRIX SYSTEMS FOR DIAMOND TOOLS FABRICATED BY WIRE SAWING TECHNOLOGY Berrak Bulut, Murat Baydogan and Eyup Sabri Kayali
11:10-11:30	THE EVALUATION THEORETICAL AND EXPERIMENTAL OF ABRASİVE WEAR BEHAVIOR OF HEAT TREATMENT APPLIED RAMOR 500 STEEL Ali Kaya GÜR, Çetin ÖZAY, Semih TAŞKAYA
11:30-11:50	INVESTIGATION OF WEAR PROPERTIES OF ALUMINUM MATRIX AND B₄C REINFORCED COMPOSITE POWDER METAL PARTS PRODUCED BY HOT PRESSING METHOD Mustafa Bahadır Özeker, Halil Arık, Yusuf Özçalbaş
11:50-12:10	INVESTIGATION OF THE EFFECT OF SINTERING TEMPERATURE ON THE WEAR PROPERTIES OF POWDER METAL PARTS PRODUCED FROM PRE-MIXED IRON POWDER (Fe + 2% Cu + 0,75% C) Halil Arık, Elif Sarıkaya
12:10-12:30	RECOVERY AND CHARACTERIZATION BY GAS ATOMIZATION METHOD OF CONDUCTIVE AND UNALLOYED ALUMINUM WASTES Emre ÜNAL, Hakan GOKMEŞE, Şaban BÜLBÜL, Hüseyin ARIKAN
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Soner BUYTOZ HALL 5/ SALON 5	
10:50-11:10	INVESTIGATION OF WEAR BEHAVIOUR OF GRAPHENE REINFORCED ALUMINUM MATRIX COMPOSITES UNDER OILY CONDITIONS Mahmut Can Şenel, Mevlüt Gürbüz, Erdem Koç
11:10-11:30	EFFECT OF COLD WORKING ON THE DENSITY, POROSITY, HARDNESS AND MICROSTRUCTURE OF NANO ALUMINA REINFORCED ALUMINUM MATRIX COMPOSITES Mahmut Can Şenel
11:30-11:50	CONSTRUCTION OF EFFICIENT BIOELECTROCHEMICAL DEVICES: IMPROVED ELECTRICITY PRODUCTION FROM CYANOBACTERIA (LEPTOLYNGBIASP.) BASED ON II-CONJUGATED CONDUCTING POLYMER/GOLD NANOPARTICLE COMPOSITE INTERFACES Huseyin Bekir YILDIZ and Emre CEVIK
11:50-12:10	LOW VELOCITY IMPACT BEHAVIOR OF PVC FOAM CORE ALUMINUM SANDWICH PANEL Seçil EKŞİ
12:10-12:30	MICROSTRUCTURAL INVESTIGATES OF Ni-BASED COMPOSITE Soner Buytoz, Mustafa Ulutan, Ayşegül Nevruz
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Çetin ÖZAY HALL 6/ SALON 6	
10:50-11:10	THE USE OF THIRD GENERATION HIGH STRENGTH STEELS IN AUTOMOTIVE SAFETY COMPONENTS Abdullah Yasin Bilici, Tansel Başaran, İmren Öztürk Yılmaz, Semih Karabulut, Samet Erzincanlıoğlu, Celal Utku Ünal
11:10-11:30	SPEED AND TORQUE CONTROL OF INDUCTION MOTORS BY USING SIMULINK Ahmet TURFANDA
11:30-11:50	POTENTIAL OF A COMBINATION OF HOT EXTRUSION AND FORGING FOR WEIGHT SAVING PURPOSES IN AUTOMOTIVE SUSPENSION PARTS PRODUCTION Mehmet Okan Görtan, Fisun Yazıcıoğlu, Oğuz Özsoy and Tayfun Gönül
11:50-12:10	DESIGN OPTIMIZATION IN CAR SUNROOF FRAME PRODUCTION PROCESS FOR SCRAP RATE REDUCTION Tuncay Kamaş and Emre Durmaz
12:10-12:30	ON-CHIP 3D IMAGING OF ZEBRAFISH SAMPLES ENABLED BY ACOUSTIC ACTUATION Adem Özçelik
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Fatih APAYDIN HALL 7/ SALON 7	
10:50-11:10	COMPARISON OF ELECTRICAL PROPERTIES OF RARE EARTH DOPED ZnO-BASED VARISTOR BY CONVENTIONAL AND SPARK PLASMA SINTERING (SPS) METHOD Fatih Apaydın, Ali Çelik, Yasemin Çelik

11:10-11:30	EFFECTS OF ZINC CONTENTS AND VELOCITY ON LOAD DURING BACKWARD EXTRUSION PROCESS IN ALUMINUM ALLOYS Ban Alamer Haitham Aljawad Faruk Mert Çetin Karataş
11:30-11:50	VELOCITY AND DIE ANGLE INFLUENCE ON STRESS DISTRIBUTION DURING ECAP PROCESS FOR ALUMINUM ALLOY Haitham Aljawad , Ban Alamer , Faruk Mert, Çetin Karataş
11:50-12:10	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF THE Al-17Si-(0-1)Ti ALLOYS Murat HACIOSMANOĞLU, Ali Paşa HEKİMOĞLU
12:10-12:30	INVESTIGATION OF COMPOSITE COATING BASED ON Al₂O₃ DOPED GRAPHITE NANOPARTICLES FORMED ON ZA-27 ALLOY Erdar Kaplan, Ebru Emine Şüküroğlu and Olkan Çuvalcı
Session Chairman /Oturum Başkanı: Prof.Dr.Mustafa TÜRKMEN HALL 8 / SALON 8	
10:50-11:10	ION TRANSFER DYNAMICS OF COATED POLYANILINE WITH AND WITHOUT CYCLING IN A DEEP EUTECTIC SOLVENT Abdulcabbar Yavuz, and A.Robert Hillman
11:10-11:30	NATURAL AGEING OF POLYCARBONATE/ACRYLONITRILE-BUTADIENE-STYRENE AND BLENDING OF AGED-VIRGIN POLYCARBONATE/ACRYLONITRILE-BUTADIENE-STYRENE Emel Kuram, Hamza Ayas, Mert Bayraktaroglu, Mehmet Dogan, Hurol Kocoglu and Babur Ozcelik
11:30-11:50	MECHANICAL PROPERTIES OF ACRYLONITRILE-BUTADIENE-STYRENE UNDER EFFECT OF WATER AGEING AND BLENDING OF AGED-VIRGIN ACRYLONITRILE-BUTADIENE-STYRENE Hamza Ayas, Emel Kuram and Fevzi Bedir
11:50-12:10	SYNTHESIS AND CHARACTERIZATION OF Al-DOPED ZnO NANOSTRUCTURES Halil İbrahim MERCAN and Hakan ÇOLAK
12:10-12:30	SYNTHESIS AND CHARACTERIZATION OF IONIC LIQUID EMBEDDED SILICA AEROGELS TO BE USED AS NANOFILLERS IN VARIOUS COMPOSITE APPLICATIONS Selay Sert Çok, Fatoş Koç, Hasan Yavuz Ünal, Yeliz Pekbey, Nilay Gizli
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Uğur ÇALIGÜLÜ HALL 9 / SALON 9	
10:50-11:10	APPLYING OF EQUIVALENT CONSUMPTION MINIMIZATION STRATEGY TO FUEL CELL HYBRID VEHICLES Kemal KAYA and Yakup HAMEŞ
11:10-11:30	OPTIMAL CONTROL OF THE BUCK CONVERTER USED IN HYDROGEN FUEL CELL ELECTRIC VEHICLES Kemal KAYA and Yakup HAMEŞ
11:30-11:50	NUMERICAL MODELING COUPLED DESIGN STUDIES TO INCREASE FORGING DIE & TOOL LIFE OF M8X21.5 HEXAGONAL HEADED SPECIAL BOLTS Sezgin Yurtdas, M. Burak Toparli, Baris Tanrikulu, Tayfur Yavuzbarut and Cenk Kılıcaslan
11:50-12:10	DESIGN AND PROTOTYPE MANUFACTURING OF THE AUTOMATIC DOSING, LEVEL CONTROL, AND AUTOMATION SYSTEMS FOR PRODUCTION OF SUPERIOR QUALITY FABRIC IN BLEACHING MACHINE İlker Ertuna1,Fatma Karaoğlu, Nazlı Yoldaşoğlu1, Nazlı Dindar, Ali Küçükpetek, Süheyla Pınar Bizimyer, Ceren Göde
12:10-12:30	DESIGN & PRODUCT DEVELOPMENT APPLICATION OF THE V-TORQUE ROD WITH TRIZ APPROACH Mehmet Ziya OKUR, Funda KUYUMCU, Durmuş Ali BİRCAN
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Mücahit SÜTÇÜ HALL 10 / SALON 10	
10:50-11:10	INVESTIGATION OF TECHNICAL CHARACTERISTICS AFTER BENDING IN P11 QUALITY STEEL PIPES Bünyamin ÇİÇEK, Yavuz SUN, Yunus TÜREN, Hayrettin AHLATÇI
11:10-11:30	INVESTIGATION ON MECHANICAL PROPERTIES OF WELDING OF DIFFERENT ALLOYS Bünyamin ÇİÇEK
11:30-11:50	MECHANICAL PROPERTIES OF Cr-Mo STEELS FOR WELDING WITH LOW CARBON STEELS Bünyamin ÇİÇEK, Yavuz SUN, Mehmet ÜNAL
11:50-12:10	WELDING OF BINARY METHOD IN HIGH ALLOY STEELS Bünyamin ÇİÇEK, Yavuz SUN, Yunus TÜREN, Hayrettin AHLATÇI
12:10-12:30	THE EFFECT OF DIFFERENT JOINT ANGLES ON THE WELDING QUALITY AND METALLURGICAL PROPERTIES IN S355 J2 MATERIALS COMBINED WITH FLASH BUTT WELDING Merve Köroğlu, Uğur arabacı
12:30-13:30	LUNCH/ÖĞLE YEMEĞİ

SESSION 4 / OTURUM 4**Session Chairman / Oturum Başkanı: Assoc. Prof. Dr. Volkan KIRMACI****HALL 1 / SALON 1**

13:30-13:50	EFFECT ON HIGH TEMPERATURE OXIDATION OF THERMAL BARRIER COATING USAGE Kadir Mert Döleker, Yasin Özgürlük, Abdullah Cahit Karaoğlanlı
13:50-14:10	EXPERIMENTAL ANALYSIS OF THE HEATING-COOLING AND TEMPERATURE VARIATION OF SERIES CONNECTED RANQUE-HILSCH VORTEX TUBE SYSTEM USED IN AIR AND CARBON DIOXIDE Volkan KIRMACI
14:10-14:30	EXPERIMENTAL ANALYSIS OF THE HEATING-COOLING AND TEMPERATURE VARIATION OF PARALLEL CONNECTED RANQUE-HILSCH VORTEX TUBE SYSTEM USED IN AIR AND CARBON DIOXIDE Volkan KIRMACI
14:30-14:50	COLD GAS DYNAMIC SPRAY COATING TECHNIQUE Yasin ÖZGÜRLÜK, Kadir Mert DÖLEKER, Hayrettin AHLATCI, Abdullah Cahit KARAOĞLANLI
14:50-15:10	OVERVIEW OF THERMAL BARRIER COATING SYSTEMS Yasin ÖZGÜRLÜK, Kadir Mert DÖLEKER, Hayrettin AHLATCI, Abdullah Cahit KARAOĞLANLI

Session Chairman / Oturum Başkanı: Dr. Tuna AYDIN**HALL 2 / SALON 2**

13:30-13:50	A FLOW DYNAMIC INVESTIGATION OF JET IMPINGEMENT WITH SWIRLING COAXIAL FORM Burak MARKAL
13:50-14:10	SİNİRSEL HESAPLAMA ÇUBUĞUNUN MİNİ-BİLGİSAYAR ORTAMINDA KOŞTURULAN DERİN SİNİR AĞLARI UYGULAMASINA ETKİSİNİN İNCELENMESİ Ferit TIRYAKI, Barış DOĞAN ve Hasan ERDAL
14:10-14:30	TRANSLOCATION OF SPHERICAL POLYMER NANOPARTICLES THROUGH TPU MEMBRANE NANOCANNELS Murat Bakırcı
14:30-14:50	IMPACT OF GPS INACCURACY IN INTELLIGENT TRANSPORTATION SYSTEMS APPLICATIONS Murat Bakırcı
14:50-15:10	SYNTHESIS OF IR (III) COMPLEX OF CHIRAL PHOSPHINITE IONIC LIQUID (IL-OPPh₂) BEARING IMIDAZOLIUM MOIETY FOR ATH REACTION Nermin MERİÇ, Nevin ARSLAN, Cezmi KAYAN, Murat AYDEMİR

Session Chairman / Oturum Başkanı: Assoc. Prof. Dr. Sinan AKSÖZ**HALL 3 / SALON 3**

13:30-13:50	THE EFFECT OF NITROCARBURIZATION ON MICROSTRUCTURE AND MICROHARDNESS OF AISI 4140 STEEL AFTER OXIDATION PROCESS Yavuz KAPLAN, Sinan AKSÖZ, Abdalbaki YILDIRIM
13:50-14:10	INVESTIGATION OF THE VISCOSITY AND TEMPERATURE EFFECTS OF NiTi SBA POWDERS IN DIFFERENT POWDER BINDER RATES Sinan AKSÖZ, Bülent BOSTAN
14:10-14:30	WEAR BEHAVIOUR OF B₄C REINFORCED FE BASED COMPOSITES PRODUCED BY POWDER METALLURGY Açıkgöz A., Aktaş B., Demircan G., Amasyalı F., Akdemir F.
14:30-14:50	FATIGUE ANALYSIS OF SPUR GEARS DUE TO BENDING BY FINITE ELEMENT METHOD Açıkgöz A., Akpolat A., Yıldırım N., Aktaş B., Şahin B.
14:50-15:10	ONE-POT, TWO-STEP SYNTHESIS OF 2D-LAYERED Ti₃C₂ COMPOSITES VIA SOLVENT EXCHANGE AND POTENTIAL APPLICATIONS Derya Kapusuz

Session Chairman / Oturum Başkanı: Dr. Baran TARHAN**HALL 4 / SALON 4**

13:30-13:50	DEVELOPMENT OF HIGH STRENGTH ALTERNATIVE BODY COMPOSITIONS Erden Soner ERKILIÇ, Özgül KOCABAŞ, Mert MUMCUOĞLU, Emre YALAMAÇ
13:50-14:10	EFFECT PERLITE ADDITION ON TECHNOLOGICAL PROPERTIES OF SANITARYWARE BODY COMPOSITION Baran TARHAN, Müge TARHAN
14:10-14:30	DECREASING ZIRCON CONTENT OF FLOOR TILE ENGOBE COMPOSITIONS BY USING TITANIUM BASED FRIT Müge Tarhan
14:30-14:50	IMPROVEMENT OF RHEOLOGICAL PROPERTIES OF PORCELAIN TILE SLIPS CONTAINING BENTONITE Furkan SÜRÜCÜ, Müge TARHAN, Eylem KILIÇ

14:50-15:10	THE EFFECT OF NEPHELINE SYENITE ON THE SANITARY WARE PRODUCT FIRING PROPERTIES AS AN MELTING RAW MATERIAL Zahide BAYER ÖZTÜRK, Muharrem GÜRGEN, Furkan PELEN, Deniz REYHANIYE, Kadir Kaan KARAVELİ
Session Chairman /Oturum Başkanı.: Assoc.Prof.Dr.Mücahit SÜTÇÜ HALL 5/ SALON 5	
13:30-13:50	THE EFFECT OF VARIOUS SOL-GEL SOLUTIONS DOPING ON EPOXY RESIN (DURATEK DTE 1200) Colkesen P., Yildirim O., Aslan, F., Mutlu İ.H.
13:50-14:10	DEVELOPMENT OF THERMAL CONDUCTIVITY OF POLYAMIDE 6,6 WITH DIFFERENT FILLING MATERIALS Rumeysa BEYAZ, Aysun EKİNCİ, İdris KARAGÖZ, Mustafa ÖKSÜZ
14:10-14:30	PROCESSING VIA INJECTION MOLDING PLASTIC SECURITY SEALS AND APPLICATIONS Aysun EKİNCİ, İdris KARAGÖZ, Mustafa ÖKSÜZ
14:30-14:50	THE EFFECT OF NUCLEATING ADDITIVES ON THE THERMAL AND MECHANICAL PROPERTIES OF POLYPROPYLENE M. Evren BERKTAŞ, Aysun EKİNCİ, İdris KARAGÖZ, Mustafa ÖKSÜZ
14:50-15:10	MODIFICATION OF THERMOPLASTICS WITH CHAIN EXTENDER Aysun EKİNCİ, İdris KARAGÖZ, Mustafa ÖKSÜZ
Session Chairman /Oturum Başkanı.: Prof.Dr.Bülent AKTAŞ HALL 6/ SALON 6	
13:30-13:50	SPREY PİROLİZ YÖNTEMİ İLE BÜYÜTÜLEN $CD_{0,5}ZN_{0,5}S:B$ FİMLERİNİN YAPISAL VE OPTİKSEL ÖZELLİKLERİNİN TANE BOYUTUNA BAĞLILIĞININ İNCELENMESİ Mustafa Öztaş and Metin Bedir
13:50-14:10	PRODUCTION OF RED MUD-BASED NANOFIBERS AND THEIR PERFORMANCE IN AS(V) REMOVAL FROM AQUEOUS SOLUTIONS Zeynep ÇETİNKAYA and Volkan KALEM
14:10-14:30	SYNTHESIS OF RESPONSIVE POLYMERIC NANOPARTICLES AND GLUCOSE/FRUCTOSE RELEASE APPLICATIONS Zeynep ÇETİNKAYA, Şeküre Özge YILDIRIM, and Hasan AKYILDIZ
14:30-14:50	NANOARCHITECTURE: NANOTECHNOLOGY AND NANOCOMPOSITE MATERIALS Sevim ATEŞ CAN, Hilal TUNCER
14:50-15:10	EFFECT OF ZINC NANOPARTICLE REINFORCEMENT ON MECHANICAL PROPERTIES OF EPOXY COMPOSITE Merve APŞAK, Ahmet AKDEMİR, Şakir YAZMAN
Session Chairman /Oturum Başkanı.: Assoc.Prof.Dr.Bilal DEMİREL HALL 7/ SALON 7	
13:30-13:50	A NEW METHOD FOR DETECTING FINGER JOINT GESTURES USING RAW DATA OBTAINED FROM THE LEAP MOTION SENSOR Sezcan YILMAZ
13:50-14:10	DETERMINATION OF ORIENTATION DATA IN POSITIONING MOBILE ROBOTS Sezcan YILMAZ
14:10-14:30	VIBRATION SUPPRESSION OF SINGLE COLUMN AS/RS SYSTEMS Özlem ÖZENBAŞ YILMAZ, Naci ZAFER
14:30-14:50	REVIEW OF HAPTIC DEVICES ACCORDING TO KINEMATIC STRUCTURE Sezcan YILMAZ, Naci ZAFER
14:50-15:10	S700CR ÇELİĞİNİN DİRENÇ NOKTA KAYNAĞI İLE BİRLEŞTİRİLMESİNDE KAYNAK PARAMETRELERİNİN ELEKTROD DALMA DERİNLİKLERİNE OLAN ETKİSİNİN İNCELENMESİ Fatih ÖZEN, Melih KEKİK, Salim ASLANLAR
Session Chairman /Oturum Başkanı.: Dr İjlal ŞİMŞEK. HALL 8/ SALON 8	
13:30-13:50	DEVELOPMENT AND CHARACTERIZATION OF MULTIFUNCTIONAL POLYMER/REDUCED GRAPHENE OXIDE NANOCOMPOSITES FILAMENTS FOR INADDITIVE MANUFACTURING TECHNOLOGY İbrahim KARTERİ
13:50-14:10	THE INVESTIGATION OF ELEVATED TEMPERATURE ELECTROCHEMICAL CORROSION BEHAVIOUR OF Mg/NANO-Al_2O_3 COMPOSITES PRODUCED BY POWDER METALLURGY Fatih AYDIN
14:10-14:30	PRODUCTION AND CHARACTERIZATION OF Ti6Al4V ALLOY BY POWDER METALLURGY İjlal ŞİMŞEK, Dursun ÖZYÜREK
14:30-14:50	DETERMINATION OF WEAR BEHAVIOR OF POWDER METAL STEELS PRODUCED BY DIFFERENT PRESSING PRESSURES İjlal ŞİMŞEK, Doğan ŞİMŞEK, Dursun ÖZYÜREK

14:50-15:10	DESIGNING OF BIO-COMPOSITE SUPPORTED METAL SURFACE ISOLATED PRINTED CIRCUIT BOARD Serkan Aydın, Uğur Kesen, Ali Sarıkaş, Garip Genç
Session Chairman / Oturum Başkanı.: Prof.Dr.Şükrü TALAŞ HALL 9 / SALON 9	
13:30-13:50	ELECTRO SPARK DEPOSITION COATINGS FOR LOW SPEED BALLISTIC PURPOSES Adem COŞKUN Yusuf KAYALI, Şükrü TALAŞ
13:50-14:10	THE HARD PHASE COATING (TiC+TiB₂) BY ESD ON Ti6Al4V ALLOY AND ITS CHARACTERIZATION Mesut GÖKÇE, Yusuf KAYALI, Şükrü TALAŞ
14:10-14:30	OPTICAL AND STRUCTURAL PROPERTIES OF MNCUO AND NİCUO THIN FILMS Şilan Baturay
14:30-14:50	PULSED DC SPUTTERED Cr/p-Si SCHOTTKY BARRIER DIODE Yusuf Selim Ocak and Şilan Baturay
14:50-15:10	DETECTION AND ELIMINATION OF SHRINKAGE POROSITY IN HIGH PRESSURE DIE CASTING PROCESS Enes KURTULUŞ
Session Chairman / Oturum Başkanı.: Prof.Dr.Dursun ÖZYÜREK HALL 10 / SALON 10	
13:30-13:50	ENERGY ABSORPTION PERFORMANCE OF PRESSURIZED THIN-WALLED TUBES Hamdi Kuleyin and Recep Gümrük
13:50-14:10	BASINÇLANDIRILMIŞ İNCE CİDARLI TÜPLERİN ADAPTİF ENERJİ SÖNÜMLEYİCİ OLARAK KULLANIMI Hamdi Kuleyin, Recep Gümrük
14:10-14:30	INVESTIGATION OF THE EFFECTS OF ULTRASONIC AGITATION ON Nİ-CR ALLOY COATINGS Mehmet DEMİR, Erdoğan KANCA, İsmail Hakki KARAHAN
14:30-14:50	EFFECT OF Mo AMOUNT ON CORROSION BEHAVIOR OF 17-4 Ph STAINLESS STEELS PRODUCED BY POWDER METALLURGY METHOD Dursun ÖZYÜREK, İjlal ŞİMŞEK, Öznur DİNÇEL, Doğan ŞİMŞEK
14:50-15:10	THE EFFECTS OF MANIFOLD PRESSURE TABLE ON PERFORMANCE AND CO₂ EMISSIONS OF AN INTERNAL COMBUSTION ENGINE USED LPG AS FUEL Alp tekin ERGENÇ, Erdem HATİPOĞLU
15:10-15:30 COFFE BREAK / ÇAY-KAHVE ARASI	
SESSION 5 / OTURUM 5	
Session Chairman / Oturum Başkanı: Assoc.Prof.Dr.Çetin ÖZAY HALL 1 / SALON 1	
15:30-15:50	PERFORMANCE COMPARISON OF CLASSIC CONTROL ALGORITHMS AND ARTIFICIAL NEURAL NETWORKS IN BREAKOUT PREDICTION SYSTEM Edip YILDIZ, Ersin ÖZDEMİR
15:50-16:10	EXPERIMENTAL INVESTIGATION FOR MILLING OF GLASS FIBRE REINFORCED POLYMER COMPOSITES WITH CUTTING TOOLS WHICH HAVE DIFFERENT GEOMETRIES Osman KARAKADIOĞLU, Bahattin YILMAZ, Seçil KURT, Ulvi ŞEKER
16:10-16:30	CONTROLLING TRANSMISSION AND DELAY OF ELECTROMAGNETIC WAVES BY METAMATERIALS IN TEM WAVEGUIDE Fulya Bağcı, A. Egemen Yılmaz and Baris Akaoglu
16:30-16:50	BAKIR-ÇİNKO ALAŞIMLARININ FARKLI ORTAMLARDAKİ KOROZYON DAVRANIŞLARININ İNCELENMESİ Öznur DİNÇEL, İjlal ŞİMŞEK, Dursun ÖZYÜREK
16:50-17:10	EFFECT OF ADHESIVE ON LOW VELOCITY IMPACT BEHAVIOR OF ALUMINUM HONEYCOMB SANDWICH PANELS Ahmet Meram and Mehmet Emin Çetin
17:10-17:30	MICROSTRUCTURE AND MECHANICAL PROPERTIES OF Al-Si ALLOY PRODUCED BY LASER CLADDING Kadir Mert Doleker and Azmi Erdogan
Session Chairman / Oturum Başkanı: Dr. Tuna AYDIN HALL 2 / SALON 2	
15:30-15:50	TECHNIQUE AND PRINCIPLES OF TEMPERATURE MEASUREMENT ON DRIVE SHAFT JOINT Oğuzhan ALDEMİR, Efe IŞIK, Sedat TARAĞCI
15:50-16:10	SOĞUTUCU AKIŞKAN OLARAK CO₂ KULLANILDIĞI DİKEY TİP HAVA PERDELİ TİCARİ SOĞUTUCULARIN VERİMLERİNİN DENEYSEL OLARAK ARAŞTIRILMASI

	Havva Demirpolat, Mustafa Aker Keskin
16:10-16:30	FARKLI MALZEMELERDEN ÜRETİLEN OTOMOTİV PARÇALARININ TEKNİK VE EKONOMİK KARŞILAŞTIRILMASI Seracettin AKDI, Havva DEMİRPOLAT
16:30-16:50	DESIGN AND EXPERIMENTAL INVESTIGATION OF BIO-INSPIRED SPOILER FOR TRUCK-TRAILER Tuğçe Merve KESAT, Mustafa SARIOĞLU and Mehmet SEYHAN
16:50-17:10	OPTIMIZING THE CONICAL CONNECTION BETWEEN OUTER TIE ROD AND KNUCKLE IN A PASSENGER CAR Ç. Baday , Ç. Oruç and M. Çetin
17:10-17:30	PROPERTY EVALUATION OF SUGAR WASTE REINFORCED PHENOLIC EPOXY COMPOSITES Musa Kara, Suheyla Kocaman, Ulku Soydal and Gulnare Ahmetlid
Session Chairman /Oturum Başkanı: Prof.Dr.Yusuf YAKAR HALL 3/ SALON 3	
15:30-15:50	SURVEY OF SURFACE COOLING WITH AIR JET IMPINGEMENT Koray KARABULUT, Doğan Engin ALNAK
15:50-16:10	RESEARCH OF HEAT TRANSFER WITH JET FLOW AT SURFACES Doğan Engin ALNAK, Koray KARABULUT
16:10-16:30	GROUND STATE ENERGIES OF HELIUM DOT WITH AND WITHOUT PARABOLIC POTENTIAL Yusuf YAKAR
16:30-16:50	PARABOLIC POTENTIAL EFFECT ON THE KINETIC AND POTENTIAL ENERGY OF HELIUM DOT Yusuf YAKAR
16:50-17:10	THE INFLUENCE OF CAPILLARY TUBE LENGTH ON ENERGY PARAMETERS OF AN AIR-CONDITIONING DEVICE USING R453A AS A SUBSTITUTE FOR R22 Atilla G. DEVECİOĞLU, Vedat ORUÇ
17:10-17:30	PREPARATION OF SILANIZED RGO COMPOSITE FOR HYDROGEN PRODUCTION FROM WATER Didem BALUN KAYAN, Talat BARAN ^a and Ayfer MENTEŞ
Session Chairman /Oturum Başkanı: Dr.Ali GÜNEN HALL 4/ SALON 4	
15:30-15:50	AN INVESTIGATION ON CORROSION RESISTANCE OF CrVC COMPOSITE COATING PRODUCED AN DUCTILE CAST IRON BY THERMO-REACTIVE DIFFUSION TECHNIQUE Ali GÜNEN, Müge KALKANDELEN, Mustafa Sabri GÖK
15:50-16:10	INVESTIGATION OF CORROSION RESISTANCE OF Ni-Cr COATINGS ELECTRO-DEPOSITED ON PERLITIC DUCTILE CAST IRON Ali GÜNEN, İsmail Hakki KARAHAN, Ali Muharrem Emir
16:10-16:30	VANADINIZING OF DUCTILE CAST IRON Ali Günen, Mustafa Serdar Karakaş, Mehmet Demir
16:30-16:50	MECHANICAL PROPERTIES OF THERMAL BARRIER COATINGS Okan Odabaş, Abdullah Cahit Karaođlanlı, Yasin Özgürlük
16:50-17:10	COMPARISON OF COLONSAL MICROSTRUCTURED TBCS AND LAMINAR MICROSTRUCTURED TBCS Yasin ÖZGÜRLÜK, Kadir Mert DÖLEKER, Hayrettin AHLATCI, Abdullah Cahit KARAOĐLANLI
17:10-17:30	INVESTIGATION OF OXIDATION BEHAVIOR OF NiCr COATED 316L STAINLESS STEEL Kadir Mert Döleker, Yasin Özgürlük, Abdullah Cahit Karaođlanlı
Session Chairman /Oturum Başkanı: Dr.Erdem CÜCE HALL 5/ SALON 5	
15:30-15:50	APPLICATION OF FOURIER TRANSFORM INFRARED SPECTROSCOPY (FTIR) TO ANALYSIS OF CLAYS Ceyda Bilgiç, Şafak Bilgiç
15:50-16:10	INVERSE GAS CHROMATOGRAPHIC DETERMINATION OF THE SURFACE PROPERTIES OF ZSM-5 ZEOLITE Ceyda Bilgiç
16:10-16:30	MICROSTRUCTURE CHARACTERISTIC OF Al₂O₃ COATINGS DOPED H-BN PARTICLES GROWN ON ZA-27 ALLOY Erdar Kaplan, Ebru Emine Şükürođlu and Olkan Çuvalcı
16:30-16:50	THE EFFECT OF THE OBSIDIAN OF THE RIZE REGION ON THE HYDRATING HEAT OF CEMENT İlker Ustabaş, İhsan Ömür
16:50-17:10	GLAZED AREAS AS THE MOST SENSITIVE PART OF BUILDING ENVELOPE IN TERMS OF

	THERMAL INSULATION PERFORMANCE: CURRENT STATUS AND FUTURE PROSPECTS Erdem Cuce
17:10-17:30	INVESTIGATION OF THE EFFECT OF DIFFERENT INDUSTRIAL WASTES ON GEOPOLYMERIC MORTAR Zahide Bayer ÖZTÜRK, Gizem YILDIZ, Umut CAVLAK, İsmail İsa ATABEY, Serhan İLKENTAPAR
Session Chairman / Oturum Başkanı: Dr. Uğur ÇALIGÜLÜ HALL 6 / SALON 6	
15:30-15:50	THE EFFECTS OF FUME AND GASES ON WORKER HEALTH CAUSED BY WELDING METHODS USED IN INDUSTRY A. Türker, H. Ulupınar, M.Kalender, Y. Bozkurt
15:50-16:10	EXPOSURE TO ASBESTOS IN TURKEY A. Türker, H. Ulupınar, M.Kalender, Y. Bozkurt
16:10-16:30	RADIOGRAPHIC TEST (RT) OF AA6063-BRASS MATERIALS WELDED BY FRICTION WELDING METHOD Ugur CALIGULU, Mustafa TURKMEN, Remzi KALLI, M. Gorkem DARDAGAN
16:30-16:50	EFFECT OF TIBAL ADDITION ON MICROSTRUCTURAL EVOLUTION OF Al7Si0,3Mg ALLOY IN THE VIBRATED MOLD CASTING Abdülhadi KOŞATEPE, Ahmet KABİL, Çağlar YÜKSEL
16:50-17:10	MICROSTRUCTURAL EVOLUTION OF HYPER EUTECTIC ETIAL-195 ALUMINUM ALLOY UNDER MECHANICAL VIBRATION Ahmet Kabil, Hüseyincan Eker, Melis Şerefoglu, Çağlar Yüksel
17:10-17:30	EFFECT OF DEEP CRYOGENIC TREATMENT ON THE MICROSTRUCTURE AND MECHANICAL PROPERTIES OF SAE 4032 STEEL Erdinc GUR and Hakan GASAN
Session Chairman / Oturum Başkanı: Dr. Nermin DEMİRKOL HALL 7 / SALON 7	
15:30-15:50	THE EFFECT OF HEAT TREATMENT ON THE MICROSTRUCTURE PROPERTIES OF ZIRCONIUM OXIDE COATINGS Görkem DEĞİRMENÇİ, Serkan ISLAK
15:50-16:10	INVESTIGATION OF THE EFFECT OF PLASMA COATING ON BRAKING PERFORMANCE İbrahim MUTLU, Bekir GÜNEY and İbrahim ERKURT
16:10-16:30	INVESTIGATION OF VIBRATION IN CUTTING TOOL IN MACHINING WITH AISI 304 STAINLESS STEEL TANGENTIAL CYLINDRICAL GRINDING METHOD Hasan BALLIKAYA, Mehmet ALTUĞ, Ali Kaya GÜR
16:30-16:50	INVESTIGATION OF MATERIAL REMOVAL RATE (MRR) OF HEAT TREATED SVERKER 21 PROCESSES IN WEDM Mehmet ALTUĞ, Hasan BALLIKAYA, Çetin ÖZAY
16:50-17:10	INVESTIGATION OF THE USABILITY OF SEPIOLITE AS A PROTECTIVE FLUX IN SUBMERGED ARC WELDING Ömer ŞAHBAZ, Behçet GÜLENÇ
17:10-17:30	INVESTIGATION OF THE EFFECT ON WELDED METALS WITH ARC WELDING OF STEELS BY USING SEPIOLITE FLUX-CORED ELECTRODE Çiğdem KARA TURHAL, Ahmet DURGUTLU
Session Chairman / Oturum Başkanı: Aslı ÇAKIR ARIANPOUR HALL 8 / SALON 8	
15:30-15:50	ELECTROCHEMICAL BEHAVIOUR OF Pt/C-GRAPHENE MIXTURE AGAINST ACETAMINOPHEN Aytekin Uzunoglu and Merve Ozcan
15:50-16:10	THE ROBUST ESTIMATE OF WEIBULL DISTRIBUTION IN RELIABILITY STUDIES Arzu ALTIN YAVUZ, Barış ERGÜL
16:10-16:30	INVESTIGATION OF NANO-CONTAINED BITUME ASPHALT FORMATION BY MULTIVARIATE REGRESSION ANALYSIS Arzu ALTIN YAVUZ, Barış ERGÜL
16:30-16:50	PELLETIZATION OF MUNICIPAL WASTE SLUDGE AND FOREST BIOMASS WASTE AS FUEL Yıldırım Tosun
16:50-17:10	SEMI-COMBUSTION AND PYROLYSIS OF MUNICIPAL WASTE SLUDGE AND AGRICULTURAL WASTE FOR SOIL REMEDIATION Yıldırım Tosun
17:10-17:30	COOPERATION OF WASTE AND STRUCTURE Sinan YILMAZ and Nazım KUNDURACI
Session Chairman / Oturum Başkanı: Assoc. Prof. Dr. Murat ESKİL HALL 9 / SALON 9	
15:30-15:50	MORPHOLOGY OF CoNiAlSiSb FIGURE REMOVABLE ALLOYS Doç. Dr. Murat ESKİL, Zeynep Aylin ŞAHAN

15:50-16:10	THE EFFECT OF CRYOGENIC HEAT TREATMENT ON MARTENSITE PHASE TRANSFORMATION IN FIGURED CoNiAlSiSb ALLOY Doç.Dr.Murat ESKİL, Zeynep Aylin ŞAHAN,
16:10-16:30	ŞEKİL HAFIZALI NiMn ALAŞIMINDA ÇÖKELTİ OLUŞUMUNUN MORFOLOJİK OLARAK İNCELENMESİ Doç. Dr.Murat ESKİL, Prof. Dr. Kemal ALDAŞ
16:30-16:50	PRODUCTION OF Co-BASED STELLITE 21 SUPERALLOY VIA RESISTANCE SINTERING METHOD Nuri ERGİN, Ahmet Yiğit ÖZER, Özkan ÖZDEMİR
16:50-17:10	CHARACTERIZATION OF HAYNES 25 SUPERALLOYS COATING ON AISI 1010 STEEL PRODUCED BY ELECTRIC CURRENT ASSISTED SINTERING Nuri ERGİN, Ahmet Yiğit ÖZER, Özkan ÖZDEMİR
17:10-17:30	PREPARATION OF NOVEL FORM-STABLE COMPOSITE PHASE CHANGE MATERIALS WITH BUTYL STEARATE/CETYL ALCHOL EUTECTIC FOR THERMAL STORAGE/RETRIEVAL Vahdettin KOÇ, Şilan GÜRHAN ZENBİLCİ, Zuhal KARAGÖZ GENÇ, Murat GENÇ

Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Bilal DEMİREL

HALL 10/ SALON 10

15:30-15:50	EPOXY/EPDM-CARBON BLACK HYBRID COMPOSITES Melisa Temiz, Suheyla Kocaman, Ulku Soydal and Gulnare Ahmetlid
15:50-16:10	THE SELECTION OF MATERIAL TO USE IN AIRPLANE BATTERY DESIGN Bilal DEMİREL, Ercan ŞENYİĞİT, Fatma ALICI, Seyma CALISKAN, Dilek AKER
16:10-16:30	THE SELECTION OF MATERIAL TO USE IN DENTAL PROSTHESIS DESIGN Bilal DEMİREL, Ercan ŞENYİĞİT, Kübra NERGİZ, Nimet DEMİRKOL, Oguzhan Can KILIC
16:30-16:50	THE SELECTION OF MATERIAL TO USE IN BALLISTIC VEST DESIGN Bilal DEMİREL, Ercan ŞENYİĞİT, Ceren KARAKAYA, Özge ÖZTÜRK, Berin Umay ÜNAL, Mehmet ENGÜR
16:50-17:10	THE SELECTION OF MATERIAL TO USE IN BRAKE DISK DESIGN Bilal DEMİREL, Ercan ŞENYİĞİT, Mustafa AKÇA
17:10-17:30	EFFECTS OF HEAT TREATMENT ON MICROSTRUCTURE AND MICROHARDNESS OF NiMnGaMo SHAPE MEMORY ALLOY Serkan Dal, Bilal DEMİREL, Murat ESKİL

Session Chairman /Oturum Başkanı: Dr.Muhammet ULUDAĞ

HALL 11/ SALON 11

15:30-15:50	THE EFFECT OF GRAIN REFINEMENT AND EUTECTIC MODIFICATION TREATMENTS ON THE WEAR BEHAVIOR OF Al8Si3Cu ALLOY Mikdat GURTARAN, Muhammet ULUDAĞ
15:50-16:10	EFFECTS OF VARIOUS ADDITION PARAMETERS AND T6 HEAT TREATMENT ON HARDNESS AND MICROSTRUCTURAL PROPERTIES OF A380 CAST ALLOY Mikdat GURTARAN, Muhammet ULUDAĞ
16:10-16:30	AN EXPERIMENTAL STUDY ON PRODUCTION OF ALUMINIUM BASED METAL MATRIX COMPOSITE REINFORCED ELECTROLESS COPPER-COATED GLASS FIBERS Ahmet YILMAZ, Mustafa KOCABAŞ, Muhammet ULUDAĞ
16:30-16:50	EFFECT OF LIQUID TREATMENT ON POROSITY MORPHOLOGY IN Al-12Si ALLOY Muhammet ULUDAĞ, Derya DISPINAR
16:50-17:10	EFFECT OF ADDITION OF AlTi5B1 AND Al3B GRAIN REFINERS ON CASTING QUALITY AND MECHANICAL PROPERTIES IN A380 ALLOY Ayberk UZER, Ali ENGİN, Muhammed Raşit ERYILMAZ, Muhammet ULUDAĞ
17:10-17:30	EFFECT OF LIQUID TREATMENT ON MACHINABILITY IN AlSi10Mg ALLOY Gözde ZORMAN, Elif Umay, Yiğit TUMBA, Halil YILMAZ, Muhammet ULUDAĞ
17:30-17:50	EFFECT OF SR MODIFICATION AND SOLIDIFICATION RATE ON WEAR BEHAVIOUR IN HYPEREUTECTIC Al-Si ALLOY Rabia Şevval AKAN, Sena ERDOĞAN, Sercan AKIN, Mikdat GURTARAN, Muhammet ULUDAĞ

23 JUN 2019-23 HAZİRAN 2019

SESSION 6 / OTURUM 6

Session Chairman /Oturum Başkanı:Assoc.Prof.Dr.Fatih HAYAT

HALL 1/ SALON 1

08:30-08:50	WELDING OF ALUMINIUM ALLOYS BY ELECTRON BEAM WELDING Caner AKTAŞOĞLU, Fatih HAYAT and Büşra KIRICIOĞLU
08:50-09:10	USAGE AND WELDABILITY OF ALUMINIUM ALLOYS Fatih HAYAT, and Caner AKTAŞOĞLU

09:10-09:30	EXPERIMENTAL ANALYSIS ON THERMAL PERFORMANCE OF A SOLAR AIR COLLECTOR WITH DOUBLE FLOW Selçuk Darici, Ahmet Altunsoy
09:30-09:50	THERMAL EVALUATION OF DOUBLE-PASS SOLAR AIR COLLECTOR BY OPERATED EXTERNAL RECYCLE Selçuk Darici, Ahmet Altunsoy
09:50-10:10	THE EFFECT OF HOMOGENIZATION HEAT TREATMENT APPLIED TO S235JR STEELS ON THE GRAIN SIZE AND WELDABILITY Hayriye ERTEK EMRE, Ramazan KAÇAR, Osman ALAN, İsmail ES
10:10-10:30	HYDROXYAPATIT COATING OF Ti6Al4V ALLOYS BY BIOMYMETRIC METHOD Şennur Arslan, Hayriye ERTEK EMRE, Ramazan KAÇAR

Session Chairman /Oturum Başkanı: Dr.Muhammet ULUDAĞ

HALL 2 / SALON 2

08:30-08:50	EFFECT OF HOLDING TIME ON MACHINABILITY AFTER Ti ADDITION IN A356 ALLOYS Sena ERDOĞAN, Rabia Şevval AKAN, Derya DIŞPINAR, Muhammet ULUDAĞ
08:50-09:10	EFFECT OF GRAIN REFINING PROCESS ON MICROSTRUCTURE AND HARDNESS IN SECONDARY ETIAL-171 ALLOY CAST FROM RECYCLING PRODUCTS Elif UMay, Gözde ZORMAN, Ege Burak SEYİTOĞLU, Halil YILMAZ, Muhammet ULUDAĞ
09:10-09:30	MICROSTRUCTURAL CHANGE OF HYPO EUTECTIC AND HYPER EUTECTIC Al-Si ALLOYS APPLIED DIFFERENT HEAT TREATMENT PARAMETERS Merve ÖZAYDIN, Umut GÖL, Derya DIŞPINAR, Muhammet ULUDAĞ
09:30-09:50	THE EFFECT OF SR MODIFICATION ON MICROSTRUCTURE AND MECHANICAL PROPERTIES IN A356 Umut GÖL, Merve ÖZAYDIN, Gökhan TEKİN, Muhammet ULUDAĞ
09:50-10:10	DETERMINATION OF CASTING QUALITY IN HIGH-PRESSURE DIE CASTING EN AC 46000 ALLOY ACCORDING TO MELT HOLDER CRUCIBLE SYSTEMS İrem SAPMAZ, Ömer VARDAR, Asım ZEYBEK, Esra ŞEN, Gökhan TEKİN, Muhammet ULUDAĞ
10:10-10:30	INVESTIGATION OF THE EFFECT OF OXYGEN ATMOSPHERE ON METAL QUALITY OF AISi9Cu3 HIGH PRESSURE DIE CASTING ALLOY İrem SAPMAZ, Ömer VARDAR, Asım ZEYBEK, Esra ŞEN, Gökhan TEKİN, Muhammet ULUDAĞ

Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Zahide Bayer ÖZTÜRK

HALL 3 / SALON 3

08:30-08:50	BIOMONITORING OF HEAVY METAL LEVELS IN ERDEMLİ DISTRICT IN MEDITERRANEAN WITH BIOFILM FORMATION IN PLEXIGLASS SUBSTRATE Sedat SÜRDEM and Mehmet DOĞAN
08:50-09:10	IMPROVEMENT OF METHOD FOR HOMOGENEOUS COATING OF ABS PLASTICS IN CHROME PLATING PROCESS Zahide Öztaş Kaplan, Buket Gelmez, Yener Usanmaz
09:10-09:30	LINEAR DISCRIMINANT AND HIERARCHICAL CLUSTER ANALYSIS FOR RAPID ASSESSMENT OF AUTHENTICITY OF COLD-PRESSED GRAPE (<i>VITIS VINIFERA L.</i>) SEED OILS AND REFINED VEGETABLE OILS USING SYNCHRONOUS FLUORESCENCE SPECTROSCOPIC DATA Fatma Nur ARSLAN
09:30-09:50	CHEMOMETRIC CLASSIFICATION MODELLING OF COLD-PRESSED BLACK CUMIN (<i>NIGELLA SATIVA L.</i>) SEED OIL AND REFINED EDIBLE OIL SAMPLES BY HIERARCHICAL CLUSTER AND LINEAR DISCRIMINANT ANALYSIS BASED ON SPECTROFLUORIMETRIC METHOD Fatma Nur ARSLAN and İbrahim YILMAZ
09:50-10:10	FLUORESCENT CHEMOSENSOR BASED ON COUMARIN DERIVATIVE FOR THE COPPER (II) AND IRON (III) IONS Abdurrahman KARAGOZ and Ibrahim YILMAZ
10:10-10:30	ULTRA-SENSITIVE AND SELECTIVE COUMARIN-BASED FLUORESCENCE PROBE FOR DETECTION OF COPPER (II) IONS IN TEA AND COFFEE SAMPLES Ibrahim Berk Gunay and Ibrahim Yılmaz

Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Uğur ÇALIGÜLÜ

HALL 4 / SALON 4

08:30-08:50	UVC/UVA ABSORPTION, NOISE REDUCTION, THERMAL INSULATION, VISIBLE LIGHT AND SOLAR RADIATION CONTROL OF PV GLAZING SYSTEMS: AN EXPERIMENTAL RESEARCH Erdem Cuce
08:50-09:10	DESIGN AND THERMAL ANALYSIS OF HIGH POWER LED ARMATURE FOR STREET LIGHTS Burcu ÇİÇEK and Necmettin ŞAHİN

09:10-09:30	ATOMISTIC INSIGHTS ON THE OXIDE SHELL LAYER INFLUENCES ON SIZE-DEPENDENT TENSILE MECHANICAL PROPERTIES OF IRON AND NICKEL NANOWIRES: A REAXFF MOLECULAR DYNAMICS STUDY Gurcan Aral
09:30-09:50	A TURN ON FLUORESCENCE SENSING OF Zn (II) UTILIZING PHENOLPHTHALEIN APPENDED 4-METHYLTHIOSEMICARBAZIDE Duygu AYDIN
09:50-10:10	HIERARCHICAL CLUSTER STATISTICAL MODELLING FOR RAPID DETECTION OF ADULTERATION OF GRAPE (<i>VITIS VINIFERA L.</i>) SEED OILS USING ATTENUATED TOTAL REFLECTANCE–MID INFRARED (ATR–MIR) SPECTROSCOPIC DATA İbrahim YILMAZ
10:10-10:30	APPLICATION OF ATR–FTIR SPECTROSCOPY COUPLED WITH HCA AND LDA CLASS MODELING TECHNIQUES FOR AUTHENTICATION OF COLD–PRESSED BLACK CUMIN (<i>NIGELLA SATIVA L.</i>) SEED OIL İbrahim YILMAZ
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Çetin ÖZAY HALL 5/ SALON 5	
08:30-08:50	MECHANICAL AND TRIBOLOGICAL BEHAVIOR OF Al-Si ALLOY PROCESSED VIA TWO-STEP ECAP Muhammet Demirtas
08:50-09:10	FORMABILITY BEHAVIOR OF LOW CARBON STEEL PROCESSED BY ONE PASS EQUAL CHANNEL ANGULAR PRESSING Dursun Murat SEKBAN and Muhammet DEMİRTAŞ
09:10-09:30	FIRST-PRINCIPLES STUDY OF THE ELECTRONIC AND OPTICAL PROPERTIES OF BaSrTe Brahim Bahloul, Khatir Babesse, Azzedine Dekhira, Dalila Hammoutène
09:30-09:50	INVESTIGATION OF QUALITY OF SINTER PRODUCED BY DIFFERENT DUST ORES Tuba Tümer ve Yavuz Sun
09:50-10:10	DESIGN AND ANALYSIS OF A NOVEL RHOMBIC DRIVEN TWO-STROKE SI ENGINE Erol GÜLTEKİN, Can ÇINAR
10:10-10:30	A RANGE MODEL FOR A SERIES HYBRID ELECTRIC VEHICLE Erol GÜLTEKİN
Session Chairman /Oturum Başkanı: Assoc.Prof.Dr.Soner BUYTOZ HALL 6/ SALON 6	
08:30-08:50	FINITE ELEMENT MODELING OF MACHINING 6061-T6 ALUMINUM ALLOY BASED ON MODIFIED KHAN–HUANG–LIANG (KHL) MODEL Samad Nadimi Babil Oliaei
08:50-09:10	THE INVESTIGATION WITH CFD METHOD OF BIODIESEL USE IN A DIESEL ENGINE Gökhan Kayabaşı and İlker Örs
09:10-09:30	INVESTIGATION OF EFFECT OF INJECTED FUEL RATIO ON COMBUSTION AND EMISSIONS IN A NATURAL GAS-FUELED STRATIFIED CHARGE DIRECT INJECTION ENGINE Müjdat FIRAT, Ömer Faruk AKÇİL, Cengiz ÖNER
09:30-09:50	INVESTIGATION OF THE USE OF NATURAL GAS AS AN ALTERNATIVE FUEL IN A HOMOGENEOUS FILLED GASOLINE ENGINE Cengiz ÖNER, Nihat ŞENOCAK, Ömer Faruk AKÇİL, Müjdat FIRAT
09:50-10:10	DIGITAL IMAGE PROCESSING USED FOR QUALITY CONTROL OF THE SAFETY BELT PARTS PRODUCED BY PLASTIC INJECTION Kadir ÇAVDAR, Bilgin DALLI, Yücel VODENE, Serkan SONCU Ayşe GÜLEÇ
10:10-10:30	FAILURE ANALYSIS OF LINE SILVER SURFACE DEFECTS ON HOT-ROLLED CONTINUOUS CAST LOW CARBON STEEL SHEETS Jamshad Jamshidian and Mohsen Rezaei, Ali Ashrafi
10:30-10:50	INVESTIGATION OF MECHANICAL PROPERTIES OF PARTICULATE REINFORCED POLYMER MATRIX COMPOSITES BY FINTE ELEMENT METHOD Ferdi YILDIRIM, Bilal DEMİREL
Session Chairman /Oturum Başkanı:Assoc.Prof.Dr.Mücahit SÜTÇÜ HALL 7/ SALON 7	
08:30-08:50	PRODUCTION OF GEOPOLYMER BUILDING MATERIALS FROM FIRED VITRIFIED PRODUCT WASTES Zahide BAYER ÖZTÜRK, Yusuf Can YILMAZ, Yaşar BOZKURT, İsmail İsa ATABEY
08:50-09:10	TUNING THE PROPERTIES OF SILICA AEROGELS THROUGH PH CONTROLLED SOL-GEL PROCESSES Fatoş Koç, Selay Sert Çok, Nilay Gizli
09:10-09:30	THE USE OF CARBONATION SLUDGE AS PORE FORMER IN CLAY BRICKS TO IMPROVE INSULATION IN CONSTRUCTION APPLICATIONS

	Mücahit SÜTÇÜ, Ali YARAŞ, Osman GENÇEL, Ertuğrul ERDOĞMUŞ
09:30-09:50	MICROSTRUCTURE AND PHYSICAL PROPERTIES OF CLAYEY-CERAMIC MATERIALS WITH LIGHTWEIGHT MINERAL ADDITIVES Serkan Dal, Mücahit Sütçü, Mustafa Sabri Gök, Osman Gençel
09:50-10:10	HYBRID COMPOSITE PRODUCTION AND CHARACTERIZATION Harun CUG and Tolga TOPUZ
10:10-10:30	MİKROALAŞIMLI DÜŞÜK KARBONLU ÇELİKLERİN ISIL İŞLEM VE DEFORMASYON SONRASI YAPI VE MEKANİK ÖZELLİKLERİNİN İNCELENMESİ K. Asgarov and H. Cug

Session Chairman / Oturum Başkanı: Assoc. Prof. Dr. İlyas SOMUNKIRAN

HALL 8 / SALON 8

08:30-08:50	AA 7075 ALÜMİNYUM ALAŞIMININ BASMA DAVRANIŞINA YAPAY YAŞLANDIRMA İŞLEMİNİN ETKİSİ Harun ÇOLAK, İlyas SOMUNKIRAN
08:50-09:10	GETTER MATERIALS İlyas SOMUNKIRAN, Mehmet ÖNGEL
09:10-09:30	THE OPTIMISATION OF THE LEACHING CONDITIONS OF THE RAW CELESTITE ORE IN SODIUM HYDROXIDE SOLUTIONS Feryal Koçan, Ümran Hiçsönmez
09:30-09:50	BORIC ACID PRODUCTION FROM ULEXITE WASTE BY OXALIC ACID LEACHING METHOD Feryal Koçan, Salih Uğur Bayça
09:50-10:10	INVESTIGATION OF OIL WASTEWATER TREATMENT USING Fe^{2+} AS A CATALYST IN PHOTO-FENTON-LIKE SYSTEMS Sefika Kaya and Yeliz Asci
10:10-10:30	Fe(III)/MnO₂ AND Fe(III)/SnO₂ COMPOSITES AS CATALYSTS FOR PAPER INDUSTRY WASTE WATER TREATMENT BY HETEROGENEOUS FENTON Sefika Kaya and Yeliz Asci

Session Chairman / Oturum Başkanı: Dr. Nilüfer KÜÇÜKDEVECİ

HALL 9 / SALON 9

08:30-08:50	HYDROTHERMAL SYNTHESIS AND CHARACTERIZATION OF THE BORON DOPED GRAPHENE Ersu LÖKÇÜ, Mustafa ANIK and Nilüfer KÜÇÜKDEVECİ
08:50-09:10	CHEMICAL AND SURFACE PROPERTIES OF SODIUM SILICOFLUORIDE F. Arianpour, A. Cakir Arianpour, B. Aali
09:10-09:30	KARADENİZ BÖLGESİNE AIT BİR KİL MINERALİNİN FİZİKSEL ÖZELLİKLERİNİN VE SERAMİK UYGULAMALARININ İNCELENMESİ A. Cakir Arianpour, F. Arianpour
09:30-09:50	SINTERING PROPERTIES OF SLIP CASTED GREEK RED MUD BODIES Nermin Demirkol and Vildan Samanci Peksezer
09:50-10:10	EFFECT OF WOLLASTONITE AS A MELTING RAW MATERIAL ON VITRIFIED PRODUCT TECHNICAL PROPERTIES Zahide BAYER ÖZTÜRK, Deniz REYHANİYE, Muharrem GÜRGEN, Furkan PELEN, , Kadir Kaan KARAVELİ
10:10-10:30	A NEW PHASE CHANGE MATERIAL: SYNTHESIS, CHARACTERIZATION AND THERMAL PROPERTIES Vahdettin KOÇ, Şilan GÜRHAN ZENBİLCİ, Zuhul KARAGÖZ GENÇ, Murat GENÇ

POSTERS / POSTER BİLDİRİLER

21 JUN 2019-21 HAZİRAN 2019

1	HALLOYSITE REINFORCED SEBS BASED NANOCOMPOSITES: EFFECT OF SEBS-g-MA COMPATIBILIZER Nazlı Arman, Emre Tekay, Sinan Şen
2	DETERMINATION OF CUTTING PARAMETERS OF Ti-6Al-4V MATERIAL WITH MICRO PROCESSING METHOD Mehmet SOYCAN and Prof. Dr. Zafer TEKİNER
3	SYNTHESIS, THERMAL AND OPTICAL PROPERTIES OF A NOVEL BIS(2-(4-DICYANOVINYLPHENYL)PYRIDINATO-N,C2)IRIDIUM(ACETYLACETONATE) N. Altınölçek, M. Tavaslı, M. Aydemir, B. Abay, A. P. Monkman
4	POLYPROPYLENE/HALLOYSITE NANOCOMPOSITES: EFFECT OF TYPE OF COMPATIBILIZER ON MECHANICAL AND THERMAL PROPERTIES Salih DOĞU, Emre TEKAY, Sinan ŞEN

5	PATENT VERİ TABANI ANALİZİ: HAVACILIK VE OTOMOTİV SEKTÖRLERİNDE İLERİ MALZEMELERİN GELİŞİMİNİN İNCELENMESİ Dilara Ceren GÜR SOY, Kevser Ceyda GÜNEY
6	A DFT COMPARATIVE STUDY OF ELECTRONIC PROPERTIES ON PRISTINE SINGLE WALLED CARBON NANOTUBES İskender MUZ and Mustafa Kurban

22 JUN 2019-22 HAZİRAN 2019

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

1	EFFECT OF OVERFLOW DESIGN MODIFICATIONS ON POROSITY IN HIGH PRESSURE ALUMINUM DIE CASTING PROCESS Onur Kenar, Ekrem Altuncu, Fuat Topçu, Naci Ekmen, Aykut Doğan
2	THE EFFECT OF Zr ON LM6 ALUMINUM ALLOY Tansel TUNÇAY
3	THE USE AND OPTIMIZATION OF Si-CARBON COMPOSITES AS ANODE MATERIALS IN LI-ION BATTERIES Ali ÜÇTEPE, Burcu DURSUN, Burak TEKİN, Rezan DEMİR-ÇAKAN
4	IMPROVING THE CHARGE ACCEPTANCE OF NEW GENERATION START & STOP BATTERIES WITH CARBON ADDITIVES Mine Ersöz, Hatice Gökdemir, Asel Damla Şimşek, Saffet Arslan, Muhsin Mazman
5	MODELING OF THE GRID DESIGN, THE GRID SIZE AND THE LUG POSITION FOR INVESTIGATION OF EFFECTS ON THE LEAD ACID BATTERY PERFORMANCE Tuğçe İşler, Muhsin Mazman
6	GRAPHENE AND CHITOSAN BASED PD HYBRID ELECTROCATALYST FOR ELECTROCHEMICAL HYDROGEN EVOLUTION Didem BALUN KAYAN and Emel BİLİR
7	COMPUTER AIDED SIMULATION AND EFFICIENT DESIGN PROCESSES OF HOT-ROLLED STEEL PROFILES WITH SPECIAL CROSS SECTION Ezgi SEVGİ, Osman ÇULHA, Gürkan ERAL, Volkan ZÜMRÜT, Uğur FINDIK
8	SURFACE MODIFICATION AT REINFORCING FIBERS FOR ELASTOMER COMPOSITES Gülperi Feyza YAVUZ
9	DEĞİŞKEN DEBİLİ ASENKRON VE SERVO MOTOR TAHRİKLİ POMPALARIN, BİR HİDROLİK GÜÇ SİSTEMİNDEKİ ENERJİ VERİMLİLİĞİNE ETKİSİNİ, TESPİT YÖNTEM VE EKİPMANLARININ İNCELENMESİ İsmail ŞAHİN, Mehmet BAĞCI
10	ASENKRON VE SERVO MOTOR TAHRİKLİ SABİT DEBİLİ POMPALARIN ENERJİ VERİMLİLİĞİ ANALİZİNDE DEVRE ELEMANLARININ İNCELENMESİ Mehmet KORKUSUZ, Mehmet BAĞCI
11	THE EFFECT OF VARYING TIN (Sn) CONTENT IN LEAD-CALCIUM (Pb-Ca) BASED ALLOYS ON GRID CORROSION Asel Damla Şimşek, Hatice Gökdemir, Mine Ersöz, Mehmet Karaoğlu, Muhsin Mazmana

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

1	ISIL İŞLEM SONUCU MOLİBDEN VE KROMUN MEKANİK ÖZELLİKLERE ETKİSİ Ali Rıza Baloğlu, Prof. Dr. Remzi Çetin, Assist. Prof. Necati Vardar
2	FOTOSENTEZ YARDIMIYLA SUYU TAM OLARAK AYRIŞTIRARAK YÜKSEK DERECEDE ELEKTRİK VE HİDROJEN ÜRETEN TİLAKOİD MEMBRAN BAZLI FOTO-BİYOELEKTROKİMYASAL YAKIT HÜCRESİNİN YAPIMI Nurseli Misliina ERGİN, Prof. Dr. Hüseyin Bekir YILDIZ
3	DESIGN, SYHTESIS AND CHARACTERIZATION OF CARBAZOLE BASED BIOTHIOL FLUORESCENT SENSORS Cemre Nur Vardallı, Nuray Altınöçek, Mustafa Tavaslı
4	INVESTIGATION OF THE MECHANICAL PROPERTIES OF UNALLOY STEEL ROD AFTER COLD WIRE PROCESSING Efkan ÇİÇEK, Muharrem YILMAZ
5	NiMnSb ŞEKİL HAFIZALI ALAŞIMLARDA MİKROÇATLAK MORFOLOJİSİ Prof. Dr. Kemal ALDAŞ, Doç. Dr. Murat ESKİL
6	EASY CLEAN SURFACE COATING AND ITS IMPORTANCE ON PORCELAIN TILE PRODUCTS Mehmet Behlül Kayalı, Gökhan Açıkbaş, Adem Türköl, Nurcan Çalış Açıkbaş
7	IMPROVEMENT OF GLASS FIBER REINFORCED QUALITY INTERFACES OF EPDM COMPOSITE COOLING HOSES

	Muhammed Mustafa KARACA
8	THE EFFECT OF ARM GEOMETRIC PARAMETERS ON ENERGY CONSUMPTION IN INDUSTRIAL ROBOTS Ahmet Erdem ÖNER and Tamer KEPÇELER
9	INVESTIGATION OF THE HYDROPHOBICITY OF AEROGELS PRODUCED WITH VARIOUS SOL PRECURSORS BY SOL-GEL PROCESSES Fatoş Koç, Selay Sert Çok, Nilay Gizli
10	STANDART BİR SOMUN DİŞİ İLE ÜZERİNE YİV AÇILMIŞ BİR SOMUN DİŞİNİN YÜK ALTINDAKİ DAYANIMLARININ TEORİK VE DENEYSEL YÖNTEMLERLE KARŞILAŞTIRILMASI Şakir Aydın ve Dr. Öğr. Üyesi Muharrem Boğoçlu

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.

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