

IMSTEC'20 VİDEOKONFERANS PROGRAMI

IMSTEC'20 VIDEOCONFERENCE PROGRAM

16 OCT 2020-16 EKİM 2020

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| 09:00 | OPENING CEROMONY/AÇILIŞ TÖRENİ |
| | İstiklal Marşı ve Saygı Duruşu/ National Anthem and Stance of Respect |
| | Sempozyum Başkanı Prof. Dr. Bülent KURT'un Konuşması/ President of the Symposium Prof. Dr. Speech by Bülent KURT |
| | Mühendislik /Mimarlık Fakültesi Dekanı Prof. Dr. Ashlan KARATEPE' nin Konuşması/ Dean, Faculty of Engineering / Architecture Dr. Speech of Ashlan KARATEPE |
| | Nevşehir Hacı Bektaş Veli Üniversitesi Rektör Yardımcısı Prof. Dr. Mustafa Hilmi ÇOLAKOĞLU/ Nevşehir Hacı Bektaş Veli University Vice Rector Mustafa Hilmi ÇOLAKOĞLU |
| Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Bilal DEMİREL OPENING HALL / AÇILIŞ SALONU | |
| 09:30-09:45 | INVITED SPEAKER: Prof. Dr. Semra KURAMA / <i>USING THERMOCHROMIC FABRIC TO DETERMINE TEMPERATURE CHANGING RELATED WITH PROCESS IN DAILY LIFE</i> |
| 09:45-10:00 | INVITED SPEAKER: Prof. Dr. Jamal FAJOUİ / <i>MODELLING OF ELASTOPLASTIC BEHAVIOUR OF METALLIC MATERIALS WITH A NEW HOMOGENIZATION APPROACH BASED ON DISLOCATION DENSITIES</i> |
| 10:00-10:15 | INVITED SPEAKER: Prof. Dr. Mustafa Hilmi ÇOLAKOĞLU / <i>TURKEY'S 2023 SCIENTIFIC STRATEGY, THE IMPORTANCE OF BORON IN THIS STRATEGY AND WHAT THE UNIVERSITY HAS ACCOMPLISHED AND WILL BE</i> |
| 10:15-10:30 | INVITED SPEAKER: Prof. Dr. Mohamed KCHAOU / <i>PERFORMANCE CHARACTERIZATION OF SANDWICH STRUCTURES FOR SLAMMING APPLICATION</i> |
| 10:30-10:45 | ARA & BREAK TIME |
| Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Cemal ÇARBOĞA HALL 1 / SALON 1 | |
| 10:45-11:00 | SICAK PRESLEME YÖNTEMİ İLE ELDE EDİLEN GÜMÜŞ KAPLI BAKIR ESASLI MALZEMELERİN KARAKTERİZASYONU Temel VAROL, Hüseyin Can AKSA, Onur GÜLER |
| 11:00-11:15 | ELECTROLESS COPPER PLATING ON POLYSTYRENE Canan URAZ |
| 11:15-11:30 | THE CORROSION BEHAVIOR OF MG-1CA-1Y- XSR (X: 0.5, 1, 1.5, AND 2 WT.%) MAGNESIUM COMPOSITE FABRICATED BY MECHANICAL ALLOYING Mustafa Özgür ÖTEYAKA, Fatih APAYDIN, Şule APAYDIN |
| 11:30-11:45 | DEKORATİF KROM KAPLANMIŞ AL7075 ALAŞIMININ FİZİKSEL VE MEKANİK ÖZELLİKLERİNİN İNCELENMESİ Sema AYYILDIZ, Temel VAROL, Genççağ PÜRÇEK |
| 11:45-12:00 | C TİPİ LAZER PUNTA KAYNAK YÖNÜNÜN KESME YÜKÜNE ETKİSİ Orkun Tekelioğlu, Ramazan Özlütürk , Doğukan Aksu |
| Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Zahide BAYER ÖZTÜRK HALL 2 / SALON 2 | |
| 10:45-11:00 | FARKLI SICAKLIKLARDA PIŞMIŞ KİL TUĞLALARIN FOTOKATALİTİK PERFORMANSLARININ İNCELENMESİ Ahmet Yavaş, Saadet Güler, Merve Torman Kayalar, Mücahit Sütçü, Mustafa Erol, Ali Yaraş, Osman Gençel, Ertuğrul Erdoğmuş |
| 11:00-11:15 | NESNELERİN İNTERNETİ TABANLI SICAKLIK VE NEM TAKİP SİSTEMİ Fatma TUZ, Dinçer YARIMÇAM |
| 11:15-11:30 | INVESTIGATION OF OPTICAL PROPERTIES AND OPTICAL BAND GAP ENERGIES OF PVA/CS/GNP BIO-NANOCOMPOSITES Ömer Bahadır Mergen |
| 11:30-11:45 | SYNERGISTIC REINFORCING EFFECT OF CARBON NANOFIBER AND NANOCRYSTALLINE CELLULOSE IN POLYBUTYLENE SUCCINATE Naile Karakehya |
| 11:45-12:00 | ADSORPTION OF TEXTILE DYE FROM AQUEOUS SOLUTION BY METAL-ORGANIC FRAMEWORK (MOF) Melek Damla TEKEL, Nalan TEKİN, Hülya KARA SUBAŞAT, Mustafa Burak ÇOBAN |
| Session Chairman /Oturum Başkanı: Assist Prof. Dr. Ayşe KOCALMIŞ BİLHAN HALL 3 / SALON 3 | |
| 10:45-11:00 | HIGH POWER HYBRİD CLADDING LIGHT STRIPPING TECHNIQUE FOR TRİPLE-CLAD FİBERS Salih K. Kalyoncu |
| 11:00-11:15 | NUMERICAL SIMULATION AND PERFORMANCE ANALYSIS OF ZNO/CDS/CISE SOLAR CELL BY SCAPS-1D SOFTWARE |

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| | Ayşegül Toprak , Ahmet Toprak |
| 11:15-11:30 | ÇOK KATMANLI YAPAY SİNİR AĞI MODELİ KULLANILARAK KIVRIMLI KANALDA DİKDÖRTGEN YAN SAVAKLARIN DEŞARJ KAPASİTESİNİN TAHMİNİ Ömer BİLHAN, M. Emin EMİROĞLU |
| 11:30-11:45 | GENERALIZED REGRESSION NEURAL NETWORK APPROACH TO ANALYZE THE FLOW OVER SHARP CRESTED TRIANGULAR AND RECTANGULAR SIDE WEIRS IN CURVED CHANNEL Ömer BİLHAN, M. Emin EMİROĞLU |
| 11:45-12:00 | MODAL ANALYSIS FOR SOLID AND HOLLOW ULTRASONIC HORN USING FEM Ziad Shakeeb Al Sarraf, Majid Medhat Saeed |
| Session Chairman /Oturum Başkanı: Prof. Dr. Bülent KURT HALL 4 / SALON 4 | |
| 10:45-11:00 | PREPARATION AND CHARACTERIZATION OF SPSU PROTON EXCHANGE MEMBRANES WITH DIFFERENT SULFONATION DEGRESS Gamze Karanfil |
| 11:00-11:15 | SYNTHESIS AND CHARACTERIZATION OF FE₂MO₆S₈ CHEVREL PHASES AS ELECTROCATALYST FOR PEM FUEL CELL Sultan Süleyman ÖZEL, Meriç KARAKIŞ, Adem SARILMAZ, Ayşegül BALIKÇIOĞLU, Faruk ÖZEL, Gamze KARANFİL |
| 11:15-11:30 | DUAL-WAVELENGTH POTENTIAL OF YB:YLF SOLID-STATE LASER Ersen BEYATLI |
| 11:30-11:45 | INVESTIGATION OF THE FIRE RETARDANT AMOUNT ON THE PROPERTIES OF POWDER COATING K. Ipek Ozdemir, Cagatay Pakkan, Ayse Aytac |
| 11:45-12:00 | DIELEKTRIC PROPERTIES OF AL/HFO₂/P-SI SCHOOTKY DIODE WITH 3.3 NM HFO₂ INTERFACE Irmak KARADUMAN ER |
| Session Chairman /Oturum Başkanı: Assist. Prof. Dr. Kubilay KARACİF HALL 5 / SALON 5 | |
| 10:45-11:00 | COMPOSITE MATERIAL SELECTION IN AVİONİC RADOME Betül Kaya, Çağlar Dağaçan, Deniz Beşer, Mehmet Masum Tünçay, Özgür Çınar, Arif Nihat Güllüoğlu |
| 11:00-11:15 | EFFECT OF SODIUM AMIDOBORANE SYNTHESIS INITIAL REACTANT RATIOS' ON ITS HYDROGEN CAPACITY Meryem Sena AKKUS, Gülay ÖZKAN, Göksel ÖZKAN |
| 11:15-11:30 | TİG KAYNAĞI İLE BİRLEŞTİRİLEN TİTANYUM ALAŞIMININ MİKROYAPI VE ELEKTROKİMYASAL ÖZELLİKLERİ Kubilay Karacif |
| 11:30-11:45 | THE EFFECT OF THICKNESS AND HEAT TREATMENT TEMPERATURE ON STRUCTURAL AND PHOTOCATALYTIC PROPERTIES IN MG_XZN_{1-X}O THIN FILMS Mehmet KURU |
| 11:45-12:00 | FPGA TABANLI MULTI-CLOCK CYCLE, PIPLINED MIPS-32 MİMARİSİNDE MİKROİŞLEMCİ TASARIMI Yusuf EREN, Hasan GÖKTAŞ |
| Session Chairman /Oturum Başkanı: Prof. Dr. Yavuz SUN HALL 6 / SALON 6 | |
| 10:45-11:00 | MEDICAL ASSISTANT ROBOT ARM FORWARD KINEMATIC ANALYSIS WITH PYTHON Mehmet Gül |
| 11:00-11:15 | INVERSE KINEMATIC ANALYSIS OF ROBOTIC ARM BY MATLAB SIMULINK Mehmet Gül |
| 11:15-11:30 | NEW DEVELOPMENTS ON THE APPLICATION OF MAXIMUM ENTROPY PRINCIPLE: A THEORETICAL STUDY Goncagül Serdaroğlu, Savaş Kaya |
| 11:30-11:45 | DFT INVESTIGATION OF CHLORO[1-(2-METHYL-2-PROPENYL)-3-(4-CHLOROBENZYL)BENZIMIDAZOLE-2-YLIDENE]SILVER(I) Goncagül Serdaroğlu, Neslihan Şahin |
| 11:45-12:00 | STUDY ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF SURFACE LAYER FORMED ON TITANIUM BY BORONITRIDING Gökhan Kara |
| 12:00-13:30 ÖĞLE ARASI/ LUNCH BREAK | |
| Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Cemal ÇARBOĞA HALL 1 / SALON 1 | |
| 13:30-13:45 | TABAKALI KOMPOZİT YAPIDA KIRILMA DAVRANIŞLARININ BELİRLENMESİNDE MAKİNA ÖĞRENMESİ YAKLAŞIMI Zafer Kaya, H. Ersen Balcioğlu, Halit Gün, A. Çağdaş Seçkin |

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| 13:45-14:00 | ÇATLAK UCUNDAKİ PLASTİK BÖLGENİN MOD I VE MOD I/II YÜKLEMESİ ALTINDA ANALİTİK ÇÖZÜMÜ H. Ersen Balcıoğlu, Zafer Kaya |
| 14:00-14:15 | THE EVIDENCE OF MOLD RELEASING AGENT FOR ENVIRONMENTAL STRESS CRACKING OF POLYCARBONATES Mustafa Şengül, Hacı Abdullah Taşdemir |
| 14:15-14:30 | COMPARISON OF MECHANICAL PERFORMANCES OF NITI AND CU-AL-MN SHAPE MEMORY ALLOYS ENDODONTIC ROTARY INSTRUMENTS Mustafa Çalışkan, Nazım Babacan, Furkan Alay, Nail Pehlivanlı |
| 14:30-14:45 | MECHANICAL PROPERTIES OF SINGLE LAYER MOS₂ : EFFECTS OF TEMPERATURE AND DEFECTS Ahmet Emin Şentürk |
| 14:45-15:00 | TOZ METALURJİSİ YÖNTEMİ İLE ÜRETİLEN CU-AG ALAŞIMLARININ KARAKTERİZASYONU Temel Varol, Hüseyin Can AKSA, Onur Güler, Ümit Alver |
| 15:15-15:30 | COMPARISON OF FADING EFFECT OF NIOBIUM AND TITANIUM BASED MASTER ALLOY ON A356 CASTING ALUMINUM ALLOY Batuhan Doğdu, Uğur Aybarç, Caner Kalender |
| Session Chairman /Oturum Başkanı: Assoc. Prof. Dr. Zahide BAYER ÖZTÜRK HALL 2 / SALON 2 | |
| 13:30-13:45 | YERLİ HAMMADDE KAYNAKLARI KULLANILARAK TEK PİŞİRİME UYGUN SIRLI VEYA SIRSIZ, RENKLİ PORSELEN SOFRA EŞYASI ÜRETİMİ Zuhal KARAAĞAÇ, Gonca DURNA, Uğur ÜÇOK |
| 13:45-14:00 | PORSELEN GRANÜL ATIĞININ YUMUŞAK PORSELEN BÜNYEDE KULLANILARAK GERİ KAZANIMI Berda ALTUN, Dilek BİRBEN ŞEN, Handan ÇATIR, Hanife KADIOĞLU |
| 14:00-14:15 | KEMİK PORSELEN ÜRETİMİNDE ALÜMİNANIN DEFORMASYONA VE MİKROYAPIYA ETKİSİ Ahmet Buğra KEYVANKLI, Zuhal KARAAĞAÇ, Şenol YILMAZ |
| 14:15-14:30 | DEVELOPMENT OF ENGOP FOR THIN EDGE WASHBASINS IN CERAMIC SANITARY WARE Derviş KARALÖK, Dinçer YARIMÇAM |
| 14:30-14:45 | TOPRAK ALKALİ KAYNAĞI HAMMADDELERİN VİTRİFİYE SIRLARINDA ERGİMEYE OLAN ETKİSİ Zahide BAYER ÖZTÜRK, Asım CAN, Dinçer YARIMÇAM |
| 14:45-15:00 | KÖMÜR YIKAMA ATIKLARININ TUĞLA ÜRETİMİNDE KULLANILMASI Aysun BACAKSIZOĞLU, Gülfem BİNAL |
| 15:00-15:15 | S-TİPİ GRANİTLERİN SERAMİK SANAYİSİNDE KULLANILMASI: SARIHACILI, YOZGAT Musa Avni AKÇE, Yusuf Kağan KADIOĞLU |
| 15:15-15:30 | TALC AND CALCITE RAW MATERIALS EFFECTS ON THE PYROPLASTIC DEFORMATION& GLASSY PHASE VISCOSITY OF THE FLOOR TILES Neslihan TAMSU SELLI |
| Session Chairman /Oturum Başkanı: Assist Prof. Dr. Ayşe KOCALMIŞ BİLHAN HALL 3 / SALON 3 | |
| 13:30-13:45 | STRUCTURAL TRANSFORMATIONS AT FRICTION STIR WELDING OF ALUMINUM ALLOY Vakulenko I. Alex, Kurt B., and Plitchenko S.O |
| 13:45-14:00 | COMPARISON OF BAND GAP OF SEMICONDUCTOR MATERIALS CALCULATED WITH GGA AND GGA+MBJ METHODS Yakup Boran, Hüsnü Kara |
| 14:00-14:15 | EFFECT OF THE MODIFIED BECKE-JONHSON POTENTIAL ON RENEWABLE ENERGY EFFICIENCY OF SEMICONDUCTORS Yakup Boran, Hüsnü Kara |
| 14:15-14:30 | STRUCTURAL ANALYSIS OF ZNO THIN FILMS SİBEL GÜRAKAR, TULAY SERİN |
| 14:30-14:45 | USAGE OF LED AND OLED IN FLEXIBLE DISPLAYS AND WEARABLE TECHNOLOGY Riyam Al-Karawi , Mohammed Albaba, Meryem Sena Akkuş |
| 14:45-15:00 | THE OPTIMIZATION OF LAMINATED COMPOSITE BEAMS USING PARTICLE SWARM OPTIMIZATION ALGORITHM Şaban Gülcü, Emrah Madenci |
| 15:15-15:30 | MORPHOLOGICAL AND OPTICAL PROPERTIES OF CU DOPED ZNO NANOSTRUCTURE Özlem Yağcı |
| Session Chairman /Oturum Başkanı: Prof. Dr. Bülent KURT HALL 4 / SALON 4 | |
| 13:30-13:45 | DETERMINATION OF WIRE ARC ADDITIVE MANUFACTURING PARAMETERS WITH PLASMA ARC WELDING İsmail BAYAR, Ersin ÇAKIR, Mustafa ULUTAN |

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| 13:45-14:00 | INSPECTION OF OBJECT DISPLACEMENTS IN MICRON SIZE USING IMAGE PROCESSING Muhammed Turan ASLAN, Hasan DEMİRTAŞ, Bahattin KANBER |
| 14:00-14:15 | BORIDE LAYER EVOLUTION DEPENDING ON BORIDING AGENTS Gökhan Kara |
| 14:15-14:30 | EFFECT OF SINTERING TEMPERATURES ON STRUCTURAL AND DIELECTRIC PROPERTIES OF AL³⁺ DOPED MG-ZN FERRITES Tuğba Şaşmaz Kuru |
| 14:30-14:45 | SYNTHESIS AND CHARACTERIZATION OF ZINC FERRITE (ZNF₂O₄) NANOPARTICLES Evrin Umut |
| 14:45-15:00 | ANALYSIS OF THE EFFECT OF ANGLE CHANGE ON UNSTEADY FLOW IN SHRINKING Y-PIPE WITH PULSATILE INPUT VELOCITY VIA FENICS Boğaç Bilgiç, Murad Kucur, Cüneyt Ertal |
| 15:15-15:30 | INVESTIGATION OF THE STEADY FLOW IN THE SHRINKING Y-PIPE ACCORDING TO CHANGING DIAMETERS WITH FENICS Cüneyt Ertal, Murad Kucur, Boğaç Bilgiç |

Session Chairman / Oturum Başkanı: Assist. Prof. Dr. Kubilay KARACİF

HALL 5 / SALON 5

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| 13:30-13:45 | EFFECT OF TEMPERING TEMPERATURE AND TIME ON THE MECHANICAL BEHAVIOUR OF 55CR3 STEEL GRADE Burcu Gülen, Gürkan Gümüş, Hakan Erçay, Tuncay Dikici |
| 13:45-14:00 | EFFECT OF SEA LETTUCE (ULVA LACTUCA) ON THE QUALITY OF VERMICOMPOST MUSTAFA TÜRKMEN, AYSUN TÜRKMEN |
| 14:00-14:15 | KARBON ELYAF TAKVİYELİ ALUMİNYUM LAMİNATLARIN (CARALL) DELİNMESİNDE TAKIM GEOMETRİSİ VE DELME PARAMETRELERİNİN İTME KUVVETİNE ETKİSİNİN DEĞERLENDİRİLMESİ Ergün EKİCİ, Gültekin UZUN, Ali Rıza MOTORCU |
| 14:15-14:30 | CFRP/Tİ6AL4V YIĞINLARIN KADEMELİ MATKAPLA DELİNMESİNDE CFRP'DE MİNİMUM DELAMİNASYON FAKTÖRÜ İÇİN KONTROL FAKTÖRLERİNİN OPTİMİZASYONU Ali Rıza Motorcu, Ergün Ekici |
| 14:30-14:45 | LASTİK SIRT KARIŞIMINDA KARBON NANOTÜP KULLANARAK YENİLİKÇİ BİNEK VE HAFİF TİCARİ LASTİK GRUBU LASTİKLERİN GELİŞTİRİLMESİ İÇİN KARIŞIM PERFORMANSININ TESPİTİ Ceren Özbay, Seda Yurteri |
| 14:45-15:00 | REDOX-RESPONSIVE POLYETHYLENE GLYCOL BASED HYDROGELS VIA AMIN-EPOXY RING OPENING REACTIONS Ahmet ERDEM |
| 15:15-15:30 | PCBM CONCENTRATION EFFECT ON THE ELECTRICAL AND DIELECTRIC PROPERTIES OF AU/PTB7:PCBM/N-SI (MPS) SCHOTTKY BARRIER DIODES H. Muzaffer Şağban, Özge TÜZÜN ÖZMEN |

Session Chairman / Oturum Başkanı: Prof. Dr. Yavuz SUN

HALL 6 / SALON 6

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| 13:30-13:45 | AKIMSIZ KAPLAMA YÖNTEMİ KULLANILARAK GÜMÜŞ KAPLANMIŞ BAKIR TOZLARININ KAPLAMA TABAKASI ÜZERİNE PH ETKİSİ Temel VAROL, Serhatcan Berk AKÇAY, Onur GÜLER, Ümit ALVER |
| 13:45-14:00 | OPTIMIZED DESIGN IN LUBRICATION SYSTEM OF A MODERN DIESEL ENGINE Halit TERZİOĞLU, Mehmet Turgut KAHVECİ, Gözde TUNCER |
| 14:00-14:15 | ÇOK GİRİŞLİ GÜÇ ÖLÇÜM SİSTEMİ İLE FOTOVOLTAİK PANEL TEKNOLOJİLERİNİN ANKARA İKLİM ŞARTLARINDA PERFORMANS DEĞERLENDİRİLMESİ Mehmet Karabulut, Sinan Kıvrak |
| 14:15-14:30 | FOTOVOLTAİK PANEL ANALİZİ İÇİN GELİŞTİRİLEN METEOROLOJİK ÖLÇÜM SİSTEMİ İLE ANKARA İLİNDE YAPILAN ÖLÇÜMLERİN DEĞERLENDİRİLMESİ Mehmet Karabulut, Sinan Kıvrak |
| 14:30-14:45 | İNDİRGEYİCİ AJAN MİKTARININ AKIMSIZ GÜMÜŞ KAPLANMIŞ BAKIR TOZLARININ ÖZELLİKLERİ ÜZERİNE ETKİSİ Temel VAROL, Serhatcan Berk AKÇAY, Onur GÜLER |
| 14:45-15:00 | EXAMINATION OF FLOW DYNAMICS IN THE CAROTID SINUS WITH OPENFOAM Murad KUCUR, Cüneyt ERTAL, Boğaç BİLGİÇ |
| 15:00-15:15 | TENSILE AND WEAR PROPERTIES OF ZRO2 AND GNP REINFORCED MG MATRIX HYBRID COMPOSITE Yavuz Sun, Engin Çevik, Yunus Türen, Hayrettin Ahlatcı, M.Emre Turan, Hüseyin Zengin, Fatih Aydın |

15:30-15:45

ARA & BREAK TIME

Session Chairman / Oturum Başkanı: Assoc. Prof. Dr. Cemal ÇARBOĞA

HALL 1 / SALON 1

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| 15:45-16:00 | AL-CE İKİLİ ALAŞIMLARININ PLAZMA ELEKTROLİTİK OKSİDASYON İLE KAPLANMASI |
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| | SEZGİN CENGİZ |
| 16:00-16:15 | FABRICATION OF MG-1CA-1Y-XSR (X=0.5, 1, 1.5, AND 2 WT.%) COMPOSITE BY MECHANICAL ALLOYING FOR BIOMEDICAL APPLICATION Fatih APAYDIN, Şule APAYDIN, Mustafa Özgür ÖTEYAKA |
| 16:15-16:30 | THE STUDY OF PHYSICAL PROPERTIES OF ROCKSALT B1 AND WURTZITE B4 PHASES OF INDIUM NITRIDE Cengiz Soykan |
| 16:30-16:45 | PHOTODYNAMIC EFFECT OF FUNCTIONAL GRAPHENES Betül GURBUZ, Sumeysra AYAN, Cem Bulent USTUNDAG |
| 16:45-17:00 | (3-MERCAPTOPROPYL)TRIMETHOXYSILANE AS CORROSION INHIBITOR FOR MILD STEEL Gökmen SİĞIRCIK |
| 17:00-17:15 | SAF MAGNEZYUMUN MİKRO ARK OKSİDASYON (MAO) YÖNTEMİ İLE KAPLANMASI VE YÜZEY ÖZELLİKLERİNİN İNCELENMESİ Merve Söğüt, Aysun Ayday |

Session Chairman /Oturum Başkanı: Assist. Prof. Dr. Kubilay KARACI

HALL 2/ SALON 2

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| 15:45-16:00 | ACID TREATMENT EFFECT ON THE PURIFICATION PROPERTIES OF GNPS AND MWCNTS Fatma Sarf |
| 16:00-16:15 | ELEKTRONİK TEKSTİLLERE YÖNELİK İLETKEN YÜZEY GELİŞTİRİLMESİ VE ELEKTRİKSEL ÖZELLİKLERİNİN İNCELENMESİ Seren DURAN, Yasemin DÜLEK, Nazlı Kübra AKAÇ, Fatih GÖÇER, Elif ŞENER |
| 16:15-16:30 | SMART AC POWER METER Akram Rashid, Shahryar Saleem, Husnain Haider, M Awais Azam, M Umer Farooq |
| 16:30-16:45 | TEL ARK KATMANLI İMALAT (TAKİ) YÖNTEMİ, TÜRKÇE İSİMLENDİRMELERİ VE FARKLI MALZEMELERDE UYGULAMALARI Ersin ÇAKIR, İsmail BAYAR, Mustafa ULUTAN |
| 16:45-17:00 | INVESTIGATION OF MECHANICAL AND FLAMMABILITY PROPERTIES OF HDPE REINFORCED FLAME RETARDANT ADDTIVES INCLUDING ANTIMONY TRIOXIDE Berk ENGİN, Hüsnügül YILMAZ ATAY |
| 17:00-17:15 | A NEW EQUATION TO CALCULATE THE CHEMICAL HARDNESS OF THE MOLECULES Savaş Kaya, Goncagül Serdaroğlu, Konstantin P. Katin |

Session Chairman /Oturum Başkanı: Prof. Dr. Bülent KURT

HALL 4/ SALON 4

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| 15:45-16:00 | INVESTIGATION OF THE EFFECT OF WELDING OPERATIONS ON CRASH PERFORMANCE FOR FRONT STRUCTURE PRODUCED BY ROLLFORM PROCESS Ahmet Onaylı, Onur Akyel, Metin Çallı |
| 16:00-16:15 | EFFECT OF HEAT TREATMENT ON CORROSION RESISTANCE OF A NICKEL ALUMINUM BRONZE Aleattin Kulaklı, Tuba Özeren, Serdar Tozkoparan, Zeynep Erdoğan, Talip Çitrak |
| 16:15-16:30 | ANALYSIS OF THE EFFECT OF ANGLE CHANGE ON THE STEADY FLOW IN THE SHRINKING Y-PIPE WITH FENICS Cüneyt Ertal, Murad Kucur, Boğaç Bilgiç |
| 16:30-16:45 | EXAMINATION OF UNSTABLE FLOW WITH PULSATILE VELOCITY INPUT IN THE SHRINKING Y-PIPE ACCORDING TO VARYING DIAMETERS VIA FENICS Boğaç Bilgiç, Murad Kucur, Cüneyt Ertal |
| 16:45-17:00 | AN APPLICATION OF DIRECTED ENERGY DEPOSITION MANUFACTURING METHOD ON AN AUTOMOTIVE COMPONENT Metin Çallı, Ahmet Onaylı, Taner Karagöz, Merve Bıyıklı |
| 17:00-17:15 | PREPARATION AND CHARACTERIZATION OF POLYETHYLENE GLYCOL BASED HYDROGELS FORMED VIA DIELS-ALDER CLICK REACTION FOR PROTEİN RELEASE APPLICATIONS Ahmet ERDEM |

POSTERS / POSTER BİLDİRİLER

16 OCT 2020-16 EKİM 2020 15:45-17:15 (POSTERS HALL/ POSTER SALONU)

Session Chairman/Oturum Başkanı: Res. Assist Serkan DAL

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| 1 | BISMUTH OXIDE TRANSFORMATION OF BISMUTH SELENIDE IN THE AQUATIC CONDITION Rzayeva Aliye |
| 2 | PALLADIUM RECOVERY FROM WASTE PLATING SOLUTIONS USING COMMERCIAL RESIN LEWATIT TP 214 Ece Uluser Yegül, Burcu Nilgün Çetiner, Bihter Zeytuncu Gökoğlu, Serdar Aktaş |

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| 3 | LAZER KAYNAK İŞLEMİNDE FARKLI PARAMETRELERDE ERGİYİK HAVUZU DAVRANIŞININ İNCELENMESİ Orkun Tekeliođlu, Ramazan Özlütürk , Dođukan Aksu , Metin Çallı |
| 4 | 3D PRINTED HYDROXYAPATITE-GRAPHENE SUBSTITUTED PLA SCAFFOLD FOR BONE TISSUE ENGINEERING Nurgul SAYIN, Tuba BEDİR, Mustafa SENGOR, Oguzhan GUNDUZ, Cem Bulent USTUNDAG |
| 5 | RED FOSFOR KATKILI VE CAM ELYAF DOLGULU POLİAMİD 6 – POLİAMİD 6.6 BAZLI KOMPOZİTLERİN MEKANİK VE ELEKTRİKSEL ÖZELLİKLERİNİN İNCELENMESİ Ecem Yıldırım |
| 6 | 6005 ALÜMİNYUM ALAŞIMINDA FARKLI ISIL İŞLEM PARAMETRELERİNİN MEKANİK ÖZELLİKLER ÜZERİNE ETKİSİ Osman Halil Çelik, Görkem Özçelik |
| 7 | COMPOSITE MATERIALS USED FOR BALLISTIC PURPOSES Nurşah KÜTÜK |
| 8 | RECENT ADVANCES IN THE USE OF MESOPOROUS SILICA NANOPARTICLES IN CANCER THERAPY Nurşah KÜTÜK |

KAPANIŞ

NOTE: The posters will be displayed on the screen by the participants and will make their presentations.
NOT:Posterler katılımcılar tarafından ekrana yansıtılarak, sunumlarını gerçekleştirecektir.