

DECEMBER 20, 2017

ELITE WORLD PRESTIGE HOTEL TAKSIM, NILÜFER MEETING HALL, -3RD FLOOR

08:50 - 09:00	MUHAMMAD USWAH PAWARA - DEVELOPING A MOBILE FLOATING STRUCTURE AS AN OFFSHORE WIND ENERGY HARVESTING SYSTEM IN INDONESIA SEA AREAS
09:00 - 09:10	ŞAHİN YAVUZ, LEVENT MALGACA, MEHMET UYAR, HİRA KARAGÜLLE - PASSIVE VIBRATION SUPPRESSION OF A SINGLE-LINK FLEXIBLE MANIPULATOR
09:10 - 09:20	LEVENT MALGACA, ŞAHİN YAVUZ, MEHMET UYAR - FORCE-BASED VIBRATION CONTROL OF A FRAME STRUCTURE
09:20 - 09:30	ŞAHİN YAVUZ, MEHMET UYAR, LEVENT MALGACA - CLOSED LOOP CONTROL OF A SINGLE LINK FLEXIBLE MANIPULATOR WITH STRAIN FEEDBACK
09:30 - 09:40	MURAT UMUT YANGAZ, GÖKÇEN ALEV ALTUN-ÇİFTÇİOĞLU, MEHMET ARIF NEŞET KADIRGAN - INVESTIGATION OF THE EFFECTS OF GEOMETRIC ADJUSTMENTS AND DIFFERENT FUELS ON EFFICIENCY AND EMISSIONS OF A CONVENTIONAL INDUSTRIAL BURNER
09:40 - 09:50	RAMAZAN ŞENER, MEHMET RAFET ÖZDEMİR, MURAT UMUT YANGAZ - EFFECTS OF THE DISTANCE OF COOKER FROM A DOMESTIC BURNER WITH CRESCENT FLAME CHANNELS AND THE COOKER DIAMETER ON TEMPERATURE DISTRIBUTION AND THERMAL EFFICIENCY
09:50 - 10:00	MURAT UMUT YANGAZ, RAMAZAN ŞENER, SERKAN ÖĞÜT - OPTIMIZATION OF COOLING PERFORMANCE OF A MICRO HEAT EXCHANGER USING ARTIFICIAL NEURAL NETWORK
10:00 - 10:10	SERDAR CELİK, ORCUN ONCE - THERMAL EVALUATION OF CLAY TILES AS GROWTH MEDIA IN GREEN ROOF APPLICATIONS
10:10 - 10:20	SERDAR CELİK - ENERGY AND EXERGY ANALYSIS OF A STIRLING COOLING SYSTEM WITH A JET-IMPINGEMENT HEAT EXCHANGER
10:20 - 10:30	UTKU UZUN, MEHMET YETMEZ - MODAL STRESS ANALYSIS OF BONDED SINGLE LAP JOINTS UNDER COMPRESSION
10:30 - 10:40	MOHAMMAD ZUBI - FEASIBILITY STUDY OF USING NEW TECH VEHICLES ON THE WORLD'S ENVIRONMENT AND PETROLEUM CONSUMPTION
10:40 - 11:00 (POSTER PRESENTATIONS YEŞİM Meeting Hall)	<p>1) WAHIBA METIRI - ZR-BASED METALLIC GLASS MATRIX COMPOSITES STUDY</p> <p>2) SALIMA OUEMADJJI - THEORETICAL ANALYSIS OF THE EFFECTIVE MASSES, BONDING AND OPTICAL PROPERTIES OF ZINC-BLENDE CADMIUM CHALCOGENIDES</p> <p>3) SALIHA BELAHRACHE - EFFECT OF BOUNDARY CONDITIONS ON THE VIBRATIONS OF AN ASYMMETRIC FLEXIBLE MONOROTOR WITH SEVERAL DISKS</p> <p>4) GHOUAS HALIMA, HADDOU BOUMEDIENE - REMOVAL OF TANNIC ACID FROM AQUEOUS SOLUTION BY CLOUD POINT EXTRACTION AND INVESTIGATION OF SURFACTANT REGENERATION BY MICROEMULSION EXTRACTION</p> <p>5) HAYETTE BEDBOUDI - STRUCTURAL AND MECHANICAL CHARACTERIZATION OF Al-30wt%Ni ALLOYS ELABORATED BY THE HF-FUSION PROCESS</p> <p>6) MOUFOK SAMIRA - FIRST-PRINCIPLES INVESTIGATION OF YCuSO, YCuSeO AND YCuTe COMPOUNDS BASED THERMOELECTRIC APPLICATIONS</p> <p>7) TAALLAH FREKH - CONDENSED METHOD FOR SOLID MECHANICAL CONTACT PROBLEMS</p> <p>8) BENAMARA OUARDA - CALCULATION OF MAGNETIC PROPERTIES OF TETRAGONALE BATH1-XM XO3-D; M= (FE, CO, CR, MN)</p> <p>9) MERABTI HALIM - COMPARISON OF SOME CONTROL SCHEMES APPLIED ON MOBILE ROBOTS</p> <p>10) KAHINA SI-AHMED - CHIRAL RESOLUTION OF SEVERAL FLAVANONES USING NANO-LIQUID CHROMATOGRAPHY</p> <p>11) ISSA KRAIA, AHMED MAALEJ - ELECTROCALORIC EFFECT IN LEAD-FREE BT-BASED CERAMICS</p> <p>12) ORKUN TUNÇKAN, PINAR KAYA - PHASE IDENTIFICATIONS OF Si3N4-INCONEL 718 JOINTS</p> <p>13) ÇİĞDEM ALADAĞ, ÇAĞRI BALKAN - AIR CURTAIN OPTIMIZATION ON REFRIGERATED DISPLAY CASE (MULTIDECK) AND ENERGY SAVING BY CHANGING DESIGN PARAMETERS</p> <p>14) ATAKAN TANTEKİN, N. FILİZ ÖZDİL - RENEWABLE ENERGY POTENTIAL OF TURKEY</p> <p>15) BEĞÜM BARDA, ÖZLEM DOĞAN AYDENİZ - THE EFFECT OF ADDITIVES ON RHEOLOGICAL PROPERTIES OF ALGINATE/κ-CARRAGEENAN GELS</p> <p>16) AYÇA KARA, PERVİZ SAYAN, SEVGI POLAT - EFFECT OF HYDROXYPROPYL-B-CYCLODEXTRIN ON HYDROXYAPATITE CRYSTALLIZATION</p> <p>17) BOUBEKEUR MOHAMMED BİLEL MERTANI, ABDERAHMAN BENTOUHAMI, BOUALEM KESKES - ANALYSIS OF BUCKLING AND FAILURE MODES IN HONEYCOMB SANDWICHES PANELS SUBJECTED TO STATIC AND DYNAMIC LOADING CONDITIONS USING CT IMAGES METHODS</p> <p>18) MERTANI BOUBEKEUR MOHAMMED BİLEL, KESKES BOUALEM, TARFAOUI MOSTAPHA - MODELING OF THE ELASTIC BEHAVIOR OF HEXAGONAL HONEYCOMB CORE</p> <p>19) FAYÇAL OUMELAZ, OUARDA NEMIRI, AKILA BOUMAZA, SEBTEI GHEMID, HOCINE MERADJI - TEMPERATURE INDUCED STRUCTURAL, ELECTRONIC AND THERMAL PROPERTIES OF AlP_xAs_{1-x} TERNARY ALLOYS</p> <p>20) NEMIRI OUARDA, OUMELAZ FAYÇAL, BOUMAZA AKILA, GHEMID SEBTEI, MERADJI HOCINE, EL HAJ HASSAN FOUAD - STRUCTURAL, ELECTRONIC AND THERMAL PROPERTIES OF Al_xGa_{1-x}As TERNARY ALLOYS UNDER TEMPERATURE</p> <p>21) GHANIA GHINA - SUPPORTED NANO GOLD CATALYZED THREE-COMPONENT COUPLING REACTIONS OF ETHYL ACETOACETATE, HYDROXYLAMINE HYDROCHLORIDE AND AROMATIC ALDEHYDES</p> <p>22) NESRINE HAKIMI, AHMED ZOUAOUI - CHARACTERIZATION OF A NEW COMPOSITE MATERIAL BY IMPEDANCE SPECTROSCOPY</p> <p>23) NESRINE HAKIMI, FARIDA TOURI, FAHIMA CHAREF, AHMED ZOUAOUI - NANOSTRUCTURES BASED ZINC OXYDE PREPARED BY LINEAR POLARIZATION OF ZINC</p> <p>24) NESRINE HAKIMI, FAHIMA CHAREF, FARIDA TOURI, AHMED ZOUAOUI - SYNTHESIS OF A NEW COMPOSITE MATERIAL CARBON / POLYMER / MnO₂: APPLICATION IN ELECTROCHEMICAL GENERATORS</p> <p>25) HÜSNÜ KARA, KEMAL ÖZDOĞAN - INVESTIGATION OF THERMOELECTRIC PROPERTIES OF Fe₂TiAl HEUSLER ALLOY FOR SUSTAINABLE ENERGY RESEARCH</p> <p>26) HÜSNÜ KARA, KEMAL ÖZDOĞAN - MATERIAL PREDICTION FOR HEAT MANAGEMENT BY COMPUTATIONAL METHOD: THE EVALUATION OF CoFeMnSi HALF-METALLIC FERROMAGNET</p> <p>27) HÜSNÜ KARA, KEMAL ÖZDOĞAN - IMPORTANCE OF POWER FACTOR ON DEFINING ENERGY CONVERSION EFFICIENCY OF CoFeCrAs ALLOY IN THERMOELECTRIC MATERIAL RESEARCH</p>
11:00 - 11:10	DUYGU ÇAKIR - THE INDOOR AIR QUALITY ON A PUBLIC TRANSPORT VEHICLE ON METROBUS LINE
11:10 - 11:20	İSMAIL HAKKI SAVCI - COMPACT MIXER DESIGN FOR HEAVY DUTY SCR APPLICATION
11:20 - 11:30	İSMAIL HAKKI SAVCI - CHARACTERIZING THE PERFORMANCE OF THE MASS FLOW CONDITIONER IN AUTOMOTIVE APPLICATION
11:30 - 11:40	ORKUN TUNÇKAN, HILMI YURDAKUL - TEM CHARACTERIZATION AND THERMODYNAMIC ANALYSIS OF THE INTERFACES FORMED AT THE HEAT TREATED Si3N4-TITANIUM JOINTS
11:40 - 11:50	ORKUN TUNÇKAN, HILMI YURDAKUL - REACTION PRODUCTS ANALYSIS AND THERMODYNAMIC STUDY OF THE SiALON-TITANIUM JOINTS
11:50 - 12:00	SEVGI POLAT, PERVİZ SAYAN - ASSESSMENT OF ACETIC ACID EFFECT ON GLYCINE PHASE TRANSFORMATION
12:00 - 12:10	OĞUZ ÇOLAK, LOKMAN YUNLU - MACHINING STABILITY OF AEROSPACE SUPER ALLOYS ON HIGH PRESSURE JET ASSISTED COOLING/LUBRICATION (HPJAM) CONDITIONS
12:10 - 13:00	Lunch
13:00 - 13:10	SAFA BOZKURT COŞKUN, SERVET MERTKUTSAL, MURAT GÖÇER - SOME ANALYTICAL APPROXIMATE METHODS FOR TORSIONAL VIBRATIONS AND STABILITY OF THIN-WALLED BEAMS ON ELASTIC FOUNDATION
13:10 - 13:20	SERVET MERTKUTSAL, MELİH MUHLİS TEMİZ, SAFA BOZKURT COŞKUN - ANALYSIS OF BEAMS ON ELASTIC FOUNDATION USING ARTIFICIAL LYAPUNOV PARAMETER
13:20 - 13:30	AHMET YÜCESOY, SAFA BOZKURT COŞKUN, SERVET MERTKUTSAL - TWIST-BEND INSTABILITY OF A CANTILEVER BEAM SUBJECTED TO AN END LOAD VIA ADM AND VIM
13:30 - 13:40	ATAKAN TANTEKİN, N. FILİZ ÖZDİL, EVREN TURHAN - PERFORMANCE ASSESSMENT OF AN ELECTRICITY PRODUCTION SYSTEM
13:40 - 13:50	N. FILİZ ÖZDİL, ATAKAN TANTEKİN, EVREN TURHAN - A NUMERICAL STUDY: UNSTEADY FLOW PROPAGATION USING WITH TWO DIFFERENT METHODS
13:50 - 14:00	MURAT DEMİR AYDIN, ELANUR ÇELEBİ - A STUDY ON THE PREDICTION OF FAILURE IN ADHESIVELY BONDED JOINTS
14:10 - 14:10	MURAT DEMİR AYDIN, ELANUR ÇELEBİ - THE STRESS ANALYSIS ON TWO DIFFERENT ADHESIVELY BONDED T-JOINTS VIA 3D NONLINEAR FINITE ELEMENT METHOD
14:10 - 14:20	MÜSLÜM KİLİNÇ, OSAMAH MUNEAM HAMEED, ZAİD ABBAS JASSAM - EFFECTS OF TEMPERATURE CHANGES ON THE DYNAMIC PARAMETERS OF A STRUCTURE
14:20 - 14:30	MÜSLÜM KİLİNÇ, AREEJ AL-SAEEDİ - SELECTION OF THE MOST SUITABLE TRUSS TYPE AMONG TRUSS SYSTEMS BY USING AN ITERATIVE METHOD
14:30 - 14:40	NAZİM KURTULMUŞ, HARUN ZONTUL, BEŞİR ŞAHİN - FORCED CONVECTION IN ONE SIDE WAVY CHANNEL
14:40 - 14:50	HARUN ZONTUL, NAZİM KURTULMUŞ, ALPER YILMAZ - NUMERICAL SIMULATION OF DEFOGGING IN MICRO-WIRE EMBEDDED BUS WINDSHIELD
14:50 - 15:00	NAZİM KURTULMUŞ, HARUN ZONTUL, BEŞİR ŞAHİN - MANUFACTURING EXPERIMENTAL SET UP FOR HEAT TRANSFER ENHANCEMENT IN SINUSOIDAL CHANNEL

15:00 - 15:20 (POSTER PRESENTATIONS YEŞİM Meeting Hall)	1) BOUBEKEUR MOHAMMED BILEL MERTANI, BOUALEM KESKES - ANALYTICAL STUDY OF THREE-POINT BENDING TEST OF HONEYCOMB SANDWICH PANELS	
	2) D.NACER, M. DJEGHDJOUGH, N. BACHA - THERMAL SPRAYING OF AL-X% ZN POWDERS MECHANICALLY MILLED FOR CORROSION PROTECTION	
	3) BENSAAADA NAIMA, AYAT MOULKHEIR, SARI FOUAD - THE SYNTHESIS OF POLYSTYRENE WITH A NEW CHEMICAL APPROACH	
	4) BEN SADDOK RAOUIA, DJANI HANIA, HAMMOUTENE DALILA - ON THE STRUCTURAL AND ELECTRONIC PROPERTIES OF SOME PEROVSKITE MATERIALS	
	5) BENKHENAFOU FETHI, KESKES BOUALEME, OUARI BACHIR, BENNACER DJAMEL, BOUZIDI YUCEF - MICROMECHANICAL BEHAVIOR OF ETHYLENE/PROPYLENE FILM BY AFM	
	6) BENKHENAFOU FETHI, BENNACER DJAMEL, KESKES BOUALEME, DOUADJI LYES - THERMAL DESIGN OF AN INDUSTRIAL CONDENSER PRECEDED BY A DESUPERHEATER	
	7) NIGAR YILDIRIM, ILKNUR KUCUK - PREPARATION AND CHARACTERIZATION OF WOUND DRESSING BIOCOMPOSITE FILM BASED ON CHITOSAN AND GELATIN	
	8) SÜHEYL ERTÜRK, MÜGE SARI YILMAZ, SABRIYE PIŞKIN - SYNTHESIS AND CHARACTERIZATION OF MESOPOROUS CARBON CMK-3	
	9) PINAR UYAN - PRODUCTION AND CHARACTERIZATION OF THE SiCp/Al-7075 COMPOSITES TOWARDS USING IN THE OTOMOTIVE PARTS WITH THE CASTING METHOD	
	10) ESSOM HAMIDA - CHARACTERIZATION OF THE ALLOY CUPRONICKEL AFTER SEA WATER USE	
	11) HADJI ALI, BOULIFA MED ILIASSE - EFFECT OF MANGANESE, NICKEL, MOLYBDEN AND VANADIUM OF MECHANICAL BEHAVIOR OF AUSTEMPERED DUCTILE IRON	
	12) HADJI ALI, DJIDJA DJAMEL - EFFECT OF CHEMICAL COMPOSITION AND HEAT TREATMENT ON THE DEGRADATION OF MANGANESE STEELS	
	13) HADJI ALI, MAOUCHE HICHEM - EFFECT OF THE ADDITION OF THE NICKEL ON THE WEAR AND WORK HARDENING PROPERTIES OF MANGANESE AUSTENITIC STEEL	
	14) KAKAA FAIZA - PASSIVATION AND CORROSION BEHAVIOURS OF AISI 316L STAINLESS STEEL AS IMPLANT MATERIALS IN SIMULATED BLOOD ENVIRONMENT	
	15) FOUAD SARI, MOHAMMED İSSAM FERRAHI, NAIMA BENSAAADA, MOHAMED BELBACHIR - SYNTHESIS AND CHARACTERISATION OF THE COPOLYMERIZATION OF MMA AND THF WITH A GREEN CATALYST	
	16) BOUTASTA AMEL, BENOSMAN ABDELHAKIM - STRUCTURAL STUDY BY COMBINED IR SPECTROSCOPY AND AB INITIO METHODS, AND THE NBO ANALYSIS PROPERTIES OF THE TETRODOXIN	
	17) GEZİM HOXHA, RAME LIKAJ - ROAD FRICTION IMPACT IN TECHNICAL PROCESS OF VEHICLE-PEDESTRIAN CRASH AND PEDESTRIAN THROWING	
	18) GEZİM HOXHA, RAME LIKAJ - REGRESSION MATHEMATICAL MODEL APPLICATION BY "R" SOFTWARE IN DETERMINATION OF VEHICLE VELOCITY FOR TRUCK DEPEND ON THROW PEDESTRIAN DISTANCE	
	21) MELİSA BERBEROĞLU, SENA AYAZOĞLU, HUÇESTE CATALGİL-GİZ, SEMİRA BENER, AYŞE SU GİZ, ERDEM ALACA - MECHANICAL AND THERMAL PROPERTIES OF ALGINATE FILMS	
	22) R. DAİRA, A. KABİR, R. NAFİR, B. BOUDJEMA - CHARACTERIZATION OF COPPER OXIDE THIN FILMS DEPOSITED BY SPRAY-CVD METHOD	
	23) BOUDJEMA BOUZİD, KABİR ABDENOUR, NAFİR RAFİKA, DAİRA RADOUANE - COPPER OXIDE THIN FILMS BY THERMAL OXIDATION OF CU: EFFECT OF THE OXIDATION TIME	
	15:20 - 15:30	DURŞUN AKASLAN - 3D PRINTER FILAMENT COMPARISON WITH THE PURPOSE OF PRINTING A VIRTUAL REALITY GLASS
	15:30 - 15:40	ALI KIRÇAY - A NOVEL APPROACH FOR COMPOSING A NATURAL APPEARING POLYLACTIC ACID (PLA) USING URFA-PISTACHIO-SHELL IN 3-D PRINTING
15:40 - 15:50	NURETTİN BEŞLİ - ANALYSING SENSORS IN SMART PHONES FOR HIGH PERFORMANCE VIRTUAL REALITY APPLICATIONS	
15:50 - 16:00	MEHMET HADI SUZER - A FREQUENCY DICTIONARY OF TERMS IN THE FIELD OF THERMOPLASTICS USED IN DESIGNING AND PRINTING VIRTUAL REALITY VIEWER	
16:00 - 16:10	FATİH DEMİRÜĞÜRAN, NAZİM USTA - EXPERIMENTAL INVESTIGATION ON FIRE CHARACTERISTICS OF CARBON FIBER REINFORCED RIGID POLYURETHANE FOAM BY USING A CONE CALORIMETER	
16:10 - 16:20	FATİH DEMİRÜĞÜRAN, NAZİM USTA - INVESTIGATION OF MULBERRY LEAF POWDER AS A CARBONIZATION AGENT IN INTUMESCENT FLAME RETARDANT SYSTEM BY USING CONE CALORIMETER TESTS	
16:20 - 16:30	MEHMET EMİN AKTAN, ERHAN AKDOĞAN, AHMET YAVUZ, AHMET TAHA KORU - DESIGN, PRODUCE AND CONTROL OF A 2DOF UPPER LIMB EXOSKELETAL ROBOT	
16:30 - 16:40	BEDİİ ÖZDEMİR, HAMED PAHLAVANI - FORMATION OF INSULATING POLYURETHANE FOAM IN A REACTING MOLD FLOW	
16:40 - 16:50	İBRAHİM DOYMAZ, AZMİ SEYHUN KIPÇAK - DRYING CHARACTERISTICS INVESTIGATION OF BLACK MULBERRY DRIED BY INFRARED METHOD	
16:50 - 17:00	OSMAN İSMAIL, İBRAHİM DOYMAZ, AZMİ SEYHUN KIPÇAK - MATHEMATICAL MODELLING OF OKRA SAMPLES BY DIFFERENT DRYING METHODS	
17:00 - 17:10	AHMET YURTSEVEN, TANER ÇOŞGUN, NURTEN VARDAR - EFFECT OF RIBBED SURFACE ON HEAT TRANSFER ON TURBULENT FLOW OVER A FLAT PLATE	
17:10 - 17:20	ROXANA FAMILY, M. PINAR MENGÜC - RADIATIVE COOLING OF BUILDINGS BY USING SUSTAINABLE ROOF MATERIALS	
17:20 - 17:30	MEHMET ŞENER, İRFAN KURTBAS - EXPERIMENTAL INVESTIGATION OF THE EFFECT OF DIFFERENT JET NUMBERS ON HEAT TRANSFER	
17:30 - 17:40	İRFAN KURTBAS, MEHMET ŞENER - OPTIMIZATION BASED ON RESPONSE SURFACE METHODOLOGY AND SENSITIVITY ANALYSIS OF SWIRL GENERATORS FOR NON-DECAYING FLOW	
17:40 - 17:50	ELANUR ÇELEBİ - THE STRESS ANALYSIS ON TWO DIFFERENT ADHESIVELY BONDED T-JOINTS WITH EMBEDDED SUPPORTS VIA 3D NONLINEAR FINITE ELEMENT METHOD	
17:50 - 18:00	KAAN ÖZEL, CEM SECAATTİN ÇETİNARSLAN - A STATISTICAL ANALYSIS FOR ALUMINUM ALLOYS JOINED WITH FRICTION STIR WELDING	
18:00 - 18:10	KAAN ÖZEL, CEM SECAATTİN ÇETİNARSLAN, MEHMET TUFAN - JOINING OF 2XXX AND 7XXX ALUMINUM ALLOYS WITH FRICTION STIR WELDING	