

ORAL SESSION PROGRAM

Location: Faculty of Economics and Administrative Sciences (İktisadi ve İdari Bilimler Fakültesi)

16 NOVEMBER 2017 THURSDAY

ROOM 1

16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (EN)

Moderator: Prof. Dr. Eres SÖYLEMEZ

689	Kenan Saka, İbrahim Yılmaz, Taha Tuna Goksu	A Thermodynamic View of Triple-effect Absorption Refrigeration Systems
976	Mustafa Kılıç	Enhancing Heat Transfer from a Heated Surface with Confined Impinging Jets and Nanofluids
108	Gökhan Demircan, Murat Kısa, Mustafa Özen	Mechanical Properties of Rosin-based Bio-epoxy Resin
140	Mehmet Eker, Durmuş Yarımpabuç, Kerimcan Çelebi, Ali Yıldırım	Stress Analysis of Functionally Graded Cylindrical Pressure Vessels by Pseudospectral Chebyshev Method
283	Ahmet Erklığ, Nurettin Furkan Doğan	On the Effect of Nano Particle Inclusion in Fiber Reinforced Composite Tensile and Flexural Behavior
282	Ahmet Erklığ, Nurettin Furkan Doğan	On the Effect of Nano Particle Inclusion in Fiber Reinforced Composite Vibration Behavior

16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR)

Moderator: Assoc. Prof. Dr. Önder KAŞKA

666	Suat Sarıdemir, Ümit Ağbulut	The Effects of Engine Speed to the Single Cylinder Diesel Engine Vibration and Noise
161	Gökhan Demircan, Mustafa Özen, Murat Kısa	Environmental Effects on Tribological Behavior of Composite Materials
146	Nehir Tokgöz, Onur Bor, Onder Kaska	Investigation of the Performance of Combined Brayton-Organic Rankine Cycle System
84	Gökhan BAŞAR	Analysis and Optimization of Ball Burnishing Process Parameters of AA 7075 Aluminium Alloy with Taguchi Method
167	Mehmet Sevri, M. Ali Koşan, Hacer Karacan	Applying Deep Learning to Cybersecurity Field and Its Advantages

16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (EN)

Moderator: Prof. Dr. L. Canan DÜLGER

593	Emre Kara, Ahmet İhsan Kutlar, Mehmet Haluk Aksel	Determination of Minimum Distance from a Cell Centroid to a Triangulated Surface: A Mesh Generation Implementation Technique
985	Murat Artan, M. Erkan Kutuk, L. Canan Dulger	An Optimization Study: Hybrid Seven Bar Press Mechanism
461	Taha Tuna Goksu, İbrahim Yılmaz, Kenan Saka	A Numerical Study on Heat Transfer Enhancement by Use of Twisted Tape Insert with Varying Pitch Ratio
513	İskender Özkul, Anıl Nomer	Analysis of ZnCd Composite Physical Characterization
568	Alper Yılmaz, Mehmet Erdiñç, Tuncay Yılmaz	Electrical vehicle air-conditioning system with heat exchanger and exhaust air usage in the evaporator
367	Durmuş Can Acer, Çağrı Uzay, Necdet Geren, Hüseyin Akıllı	Design and Optimization of a Wheel Hub for Lightweight Efficiency Challenge Vehicles

ROOM 2

16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR)

Moderator: Prof. Dr. Ali ÜNÜVAR

137	Meltem Muhsuroğlu, İlyas Kacar, Yasemin Yıldız, Mert Arslan	Image Processing Based Accident Location and Data Transmission via Internet of Things Device For Different Road and Roundabout Conditions
271	Osman Özdamar	PMMA Esaslı Büyük Çaplı Fiber Optik Kablo Üretiminde Proses Şartlarının İncelenmesi
295	Bekir Bal	CNC Makinesi ile Yüzeyleri İşlenmiş Lif Levhaların Pürüzlülüğü Üzerine Yoğunluk, Rutubet ve Kesme Derinliğinin Etkileri
524	Ümit Ayata, Tuğba GURLEYEN, Levent GURLEYEN, Bruno ESTEVES, Hüseyin SİVRİKAYA, Ahmet CAN	THE DETERMINATION OF SOME SURFACE PROPERTIES ON LODGEPOLE PINE, SIBERIAN PINE AND SCOTS PINE WOODS HEAT TREATED WITH THERMOWOOD METHOD
665	Ümit Ağbulut, Onuralp Uluer, Suat Sarıdemir	An Overview of Determining Rheological Properties by Using Slit and Capillary Dies
982	Yusuf Fedai	Concurrent Optimization for Surface Roughness (Ra, Rz and Rq) in Face Milling Process by using Multi-Objective Taguchi Method

16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR)

Moderator: Assoc. Prof. Dr. Fatih ŞEN

138	Mert Arslan, Tunahan Yadigaroglu, Meltem Muhsuroglu, İlyas Kacar	Design and Production of a Fixed Anode X-Ray Tube
405	Osman Özdamar, Ahmet Demirer	The Effect of Weld Line on Mechanical Properties of Injection Moulded Polyamide 6 Reinforced Different Filling / Enjeksiyonla Şekillendirilmiş Farklı Dolgular İçeren Polyamide 6 Malzemenin Birleşme İzinin Mekanik Özelliklere Etkisi
438	Cem ATILGAN, Kazım Zengin, Muammer UĞUR, Evren ÇAĞLARER	Akıllı Otopark Sinyalizasyonu
444	Kazım Zengin, Muammer UĞUR, Cem ATILGAN, Evren ÇAĞLARER	Uygun Maliyetli Renk Sensörü Yapımı
232	Fatih SEN, Aysun ŞAVK, Betül Sen	Synthesis of Trimetallic PdRuNi Alloy Nanoparticles Supported on Graphene Oxide: A Highly Efficient Catalyst for the Hydrogen Generation Reaction
797	Özlem Korkut	Dosimetric Fricke Gel Systems Improved with CaCl ₂ and Gluconic Acid
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (TR) Moderator: Prof. Dr. Ali ÜNÜVAR		
975	Ali Yıldırım	Investigation the Poisson's Ratio Effect on Thermal Stresses of Functionally Graded Annular Fin by Using Pseudospectral Chebyshev Method
983	Yusuf Fedai	Optimization of Cutting Parameters in Milling of AISI 4140 Steel using Taguchi Technique
977	Mustafa KILIÇ, Mahmut Yavuz, İbrahim Halil Yılmaz	NUMERICAL INVESTIGATION OF COMBINED EFFECT OF NANOFUIDS AND IMPINGING JETS ON HEATED SURFACE
212	BARIŞ KAVASOĞULLARI	Energy and exergy analysis of LiBr-aq and LiCl-aq liquid desiccant dehumidification system
514	İskender Özkul, Anıl Nomer	Investigation of the electrical properties of semiconductor ZnCd composite material
963	Eyüp Yeter, Leyla ÖZER	Thermal Fatigue Characteristics of Plates with Cutouts
474	Melih Kushan	Failure of Sandwich Structures in Aviation
ROOM 3		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR) Moderator: Assoc. Prof. Dr. Necip Fazıl YILMAZ		
172	Mustafa Taşyürek, Şerafettin Ekinci	Real Time Effects Of Seawater On Carbon Nanotubes-E Glass Nanocomposites At Marine Applications
52	Halil Kurt, Necip fazıl Yılmaz, Murat Oduncuoğlu, Musa Yılmaz	Al-Mg/MgOp Kompozitlerin Üretilmesi
14	Hüseyin Lekesiz, Sena Bayraktar, İlyas Dedegil, Safa Senaysoy	Contribution of Screw Rod System on Titanium Mesh Cage Supported Lumbar Spine Stabilization
96	Ersin Ünal	Investigation of Crystallographic and Morphological Properties of Ni-B Alloy Coatings Reinforced with Hexagonal Boron Nitride Electrodeposited in Surfactant Added Electrolytic Bath
115	Tuba Özeren, Feriha Birol, Ş.Hakan Atapek	Casting and Characterization of High Nickel Bronzes Alloyed with Chromium
331	Hakan Yaykaşlı, Musa Göğebakan	PRODUCITON AND SURFACE CHARACTERISATION OF AlMgTiB ALLOYS
403	Tahsin Özer, Muhammet Karataşlı, Süleyman Çabuk	A Theoretical Study on Structural and Elastic Properties of Ti3Al
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (EN) Moderator: Assoc. Prof. Dr. Necip Fazıl YILMAZ		
169	Mahmut ÜNALDI, Recai KUŞ,	Variation of The Porosity and Density Properties of The Ecological Brake Pads According to Their Production Parameters
177	Cihad Nazik, Necmettin Tarakçıoğlu, Serdar ÖZKAYA, Aykut ÇANAĞÇI	EFFECT OF POWDER MORPHOLOGY ON PROPERTIES OF METAL MATRIX COMPOSITE MATERIALS
187	Cihad Nazik, Mustafa TAŞYÜREK	ENHANCED PROPERTIES OF EPOXY BASED HYBRID NANO COMPOSITE PREPARED BY ULTRASONICATION TECHNIQUE
443	Ferhat ÖZDEMİR	Investigation of the Temperature and Time Effects of Heat Treatment Applied to Different Thickness Fiber Boards
441	Ertugrul Altuntas	The Mechanical and Physical Properties of HDPE-Based Wood Plastic Composites By Using Direct Pressing Method
477	Melih Kushan	Shear Strength of AA7075 Lap Joints After Various Joining Methods
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (TR) Moderator: Dr. Nazmi SEDEFOĞLU		
173	Mustafa TAŞYÜREK	The Influence of CNT-E Glass Hybrid Composites on Composition of Sea Water
413	Nazmi Sedefoğlu	Effect of NaOH Concentration on Structural Properties of Sb Doped ZnO Nanoparticles
440	Ertugrul Altuntas	The Effect of Zinc Borate on the Mechanical and Fire Properties of Composites Produced from Waste Plastics
442	Ferhat ÖZDEMİR	Investigation on the Mechanical Properties of Thermal Treated Different Thickness Fiber Boards

465	Hakan Yaykaşlı, Musa Göğebakan	INVESTIGATION OF STRUCTURAL AND MECHANICAL PROPERTIES OF PRODUCTION AIMgTiB BY METAL MOLD CASTING
466	Ümit ayata, Tuğba GURLEYEN, Levent GURLEYEN, Bruno ESTEVES	DETERMINATION OF GLOSSINESS AND COLOR VALUES ON ASH, BEECH, RED-BUD MAPLE, AND RED PINE WOOD SPECIES HEAT-TREATED (THERMOWOOD METHOD)
ROOM 4		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR) Moderator: Assist. Prof. Dr. Mümine KAYA KELEŞ		
319	Mehmet Umut SALUR, İlhan Aydın	Türkiye'deki Devlet ve Vakıf Üniversitelerinin Twitter Üzerinden İnsanlara Erişimleri
326	Mehmet Umut SALUR, İlhan Aydın	Twitter Tabanlı Akıllı Olay Tespit Sistemi Tasarımı
454	M. Ali Koşan, Mehmet Sevri, Hacer Karacan	Spy Attacks and Protection Methods in Android Smart Phones
456	M. Ali Koşan, A. İlker Kocatepe, Hacer Karacan	Mobile Malware Datasets and Malware Detection
889	Mümine Kaya Keleş, Abdullah Emre Keleş	Distance Education with Moodle in Engineering Education: Online Assignment Compilation
511	Mümine Kaya Keleş, Umit Kilic, Abdullah Emre Keleş	E-Ticarette Pazar Araştırması
299	Naim Karasekreter, Uğur Fidan, Fatih Başçıftçi	Wireless Sensor Network Based System Design and Application in Concept of Internet of Things (IoT): Open Area Security System (OASS)
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (EN) Moderator: Assist. Prof. Dr. Seda ERMİŞ		
414	A. İlker Kocatepe, Mehmet Sevri, Hacer Karacan	Utilizing Linear Feedback Shift Registers for Selective-Random Memory Addressing
921	Togayhan KUTLUK	Synthesis of Biofuel From Waste Filter Coffee Spents by Environmentally Friendly Processes
9	Mustafa ORAL, Mashar GENÇAL	Harmony between the best and the worst individuals in tournament selection
57	Ali ALHUSSEIN, Bilal BABAYİĞİT	A Novel Slotted Bow-Tie Antenna Design for 5G Applications of Next Generation Mobile Communication Systems
111	Bilal BABAYİĞİT, Raniah Hazim	Efficient Quality of Service Guaranteed Bird Swarm Algorithm for Routing in VANET
323	Mustafa Kara	A New Intrusion Detection System Instead of Encryption for IoT Device Communication
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (EN) Moderator: Assist. Prof. Dr. Kemal BALIKÇI		
917	Togayhan KUTLUK	Biolubricant production from waste edible oil biodiesel via immobilized Thermomyces lanuginosus lipase catalysis
422	A. İlker Kocatepe, M. Ali Koşan, Hacer Karacan	An Altered Application of Permutative Straddling Method for Spatial Steganography
122	Bilal Babayiğit, Hayder NAYYEF	A Swarm Intelligence Based Localization in Wireless Sensor Networks
224	Savaş Yıldırım, Tuğba Yıldız	Comparative Analysis for Turkish Text Classification
265	Sabri KOÇER, Enes SULAK	Multifunction Audio Effect Processing
308	Mustafa Kara	Reducing Costs with Suitable Server Design for Network Systems Used in IoT Technology
ROOM 5		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR) Moderator: Prof. Dr. Mehmet Emin ÖCAL		
907	Mahmut KAHRAMAN	Etkin Ve Tekrarlı Vibrasyonun Beton Basınç Mukavemetine Etkisinin Bulanık Mantık Metodu İle Değerlendirilmesi
777	Ferhat PAKDAMAR, Dilara Selin ERDE	Investigation of Effects of Colors on Human Psychology and Physiology
54	Baki Bağrıaçık, firdevs uysal	Unconfined Compression Behavior of Single Stone Column in Soft Clay
72	Emrah MERAL	Determination of Seismic Behavior of RC Buildings by Linear Time History Analysis
93	Osman Günaydın, Abdurrahman ÖZBEYAZ, Mehmet Söylemez	Regression Analysis of Soil Compaction Parameters Using Support Vector Machine
154	Şahin Güvel	A Site Application Of Reinforced Concrete Industrial Chimney Construction To Save The Distance From Center Point To Vertical Axis Up To ACI 307-98 Standart
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR) Moderator: Assist. Prof. Dr. Evren TURHAN		
751	Ferhat PAKDAMA, Anıl US	Asmolen Döşemelerde Kullanılan Dolgu Malzemelerinin İrdelenmesi
55	Baki Bağrıaçık, Firdevs Uysal	The Effect of Raft Foundation's Shape on Bearing Capacity at Piled Raft Foundations
119	Serkan AYDINLI, Baki Bağrıaçık	Determination of Cost Relations in Piled Raft Foundation Designs
153	Şahin Güvel	Construction Workers' Approach to Health and Safety Applications

192	Engin Aktaş, Murat Örnek, Hakan Türker, Yakup Turedi	Comparison of Design Methods in Cantilever Retaining Structures
378	Evren TURHAN, Selahattin KOCAMAN, Hatice ÖZMEN ÇAĞATAY	Baraj Yıkılması Akımının Farklı Yoğunluklu Akışkan Yaklaşımı ile Nümerik Olarak Modellenmesi
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (TR) Moderator: Assit. Prof. Dr. Abdullah Emre KELEŞ		
74	Emrah MERAL	The Effects of Earthquake Records with Different Characteristics on Earthquake Behavior of RC Buildings
351	Serkan AYDINLI, Emel Oral	Does Company Size Affect Wage Satisfaction of Technical Staff in Construction Industry
913	Abdullah Emre Keleş, Mümine Kaya Keleş	İnşaat Sektöründe Kullanılan Bilgisayar Yazılımları ve Bilgi Teknolojilerine Genel Bir Bakış
520	İslam GÖKALP, Volkan Emre UZ	A Brief Overview on Pavement Skid Resistance and Measurement Methods
886	Abdullah Emre Keleş, Mümine Kaya Keleş	Adana İnşaat Sektöründe Çalışanların Verimliliklerinin Araştırılması
240	Korkmaz YILDIRIM, Yüksel Furkan YILDIRIM	Mineral Katkı Olarak Fındık Kabuğu Külünün Betonda Kullanılabilirliğinin Araştırılması
ROOM 6		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR) Moderator: Dr. Gökhan SEZER		
8	Sukru Aslan	Electron Sources of Biological Denitrification Process
37	Mehtap Yücel, Hakki Gülşen	Çöl Tozlarının Türkiye'ye Taşınımında MODİS Uydusu ve Hysplit Programının Önemi
47	Eda Kürkcüoğlu Rastgeldi, Hakki Gülşen	Karbon Ayak İzi ve Küresel Isınmaya Etkileri
63	Mesut Efe BÜKEN, Esra Deniz GÜNER	Climate Change Projections of Osmaniye Province
757	Esin Bayrak Işık	İnek Gübresinden Biyogaz Eldesine Önışlemlerin Etkisi
159	Veli Yavuz, Ali Deniz, Haldun Karan, Ahmet Öztopal, Emrah Tuncay Özdemir	Examination of Two Different Observations in Terms of Lightning Incident at Marmara Region Airports
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR) Moderator: Assist. Prof. Dr. E. Sertaç ARI		
158	Veli Yavuz, Ali Deniz, Haldun Karan, Ahmet Öztopal, Emrah Tuncay Özdemir	Climatology of Lightning Events for Marmara Region Airports
176	Nesrin Dursun, Hakki Gülşen	Gaz Biyoyakıtların Üretimi ve Üretim Verimini Etkileyen Biyoproses Parametrelerinin Optimizasyonu
318	Hakan ÇELEBİ, Gülden GÖK, Özlem GÜLLÜ, Oğuzhan GÖK	Examination of the Obesogenic Effects of Bisphenol-A
559	Arda Özen, Semih Ediş	Mapping of Spatial Distribution of Water Quality by Using Inverse Distance Weighted Interpolation Method in Tatlıçay and Acıçay Streams
641	Özkan Görmez	Treatment of olive mill wastewater by K ₂ S ₂ O ₈ in pressurized hot water/subcritical water
168	Mehmet Sevri, A. İlker Kocatepe, Hacer Karacan, E. Sertaç Arı	Blockchain Technology and Its Use as a Notarial System
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (TR) Moderator: Prof. Dr. Hasan Hüseyin ÖZTÜRK		
887	Bahtiyar EFE	İstanbul İlinde Ölçülen PM _{2.5} Verilerinin Analizi
916	Abdulkadir Küçükbahar, Halil Kumbur, Volkan Yamaçlı	Mersin İli Su Projeksiyonları ve Su Bilgi Yönetim Sisteminin Oluşturulması Erdemli İlçesi Örneği
949	Serap Şahin Yiğit	Effects of chromium applications on nutrition and growth of Safflower (Carthamus tinctorius L.) Seedlings
804	GAMZE DALGIÇ BOZYİĞİT	Hydrothermal Treatment of Waste Semi-Synthetic Metal Cutting Fluid in Supercritical Water
5	Hasan Öztürk, Ümran Atay	Comparison of Monocrystalline and Polycrystalline Silicon Cells for Solar Electricity Generation
36	Mehtap Yücel, Hakki Gülşen	Yeşil Enerji: Türkiye'deki Potansiyel ve Uygulamaları
ROOM 7		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR) Moderator: Assist. Prof. Dr. Kemal BALIKÇI		
180	Fehmi Sevilmiş, Hulusi Karaca	Improvement of SRF-PLL Method under Unbalanced and Distorted Grid Conditions for Grid Synchronization of Power Generation Systems
599	Melis Zorşahin Görgülü, Dursun İrk	A Comparison of the Numerical Solutions for Advection-Diffusion Equation
201	Fikri KÖKEN, Saadet ARSLAN	On Some Identities for the Fibonacci and Lucas Numbers with Rational Subscript
78	Osman Günaydın, Abdurrahman ÖZBEYAZ, Mehmet Söylemez	Estimating California Bearing Ratio Using Decision Tree Regression Analysis with Soil Index and Compaction Parameters
82	Abdülkadir Gümüşçü, Mehmet Emin Tenekeci	Determination of Sperm Count on Spermogram Videos Using Foreground Extraction

987	Kemal BALIKCI	NANOANTENNAS
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR) Moderator: Assist. Prof. Dr. İsmail KOYUNCU		
198	Fehmi Sevilmiş, Hulusi Karaca	Performance Analysis of SRF-PLL and DDSRF-PLL Methods for Grid Interactive Inverters
600	Melis Zorşahin Görgülü, Dursun İrk	Numerical Solution of Modified Regularized Long Wave Equation by Using Cubic Trigonometric B-spline Functions
846	Fikri KÖKEN, Saadet ARSLAN	Some Properties of the Jacobsthal and Jacobsthal-Lucas numbers via Matrix Methods
247	Yavuz User	PI PARAMETER CALCULATION TECHNIQUE OF SVM-DTC CONTROL SCHEMA FOR INDUCTION MOTOR
596	Hasan Ulutaş	RFID Security System for Newborns in Hospitals
355	İsmail Koyuncu, Murat TUNA, Can Bulent FİDAN, İHSAN PEHLİVAN	FPGA-based Real time Implementation of Lu-Chen Chaotic Generator
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (EN) Moderator: Assist. Prof. Dr. Halil EROL		
394	Ekrem DAL, Recai KILIÇ	Design and Implementation of Artificial Neural Network Supported Photometric System for Recognizing Substances
195	Murat Caner, Said Mahmut ÇINAR, Merve Sevim CAMGÖZ	Field Oriented Control of PM Motor with Finite Element Based Embedded Model
110	Necati AKSOY, Habip Yusuf HASIRCI	A Survey on Control Methods and Applications of Inverted Pendulum System
151	Unal YILMAZ, OMER TURKSOY, Adnan TAN, Ahmet TEKE	Investigation of Closed-Loop Controlled Isolated DC-DC Converters with High-Frequency Transformers
225	OMER TURKSOY, Unal YILMAZ, Adnan TAN, Ahmet TEKE	A Comprehensive Assessment of Solar Array Simulators
ROOM 8		
16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (EN) Moderator: Prof. Dr. Kenan KÖPRÜCÜ		
60	Kenan Köprücü, Serpil Mişe Yonar, Muhammet Enis Yonar, Sibel Silici	Effects of dietary propolis on the number and size of pleopadal egg, oxidative stress and antioxidant status of freshwater crayfish (<i>Astacus leptodactylus</i> Eschscholtz)
321	Ece KILIÇ	Intakes of Omega 3 Fatty Acids by Consuming Seafood Caught from Mediterranean Sea
128	Alper YANAR, Ayşe Bahar YILMAZ	Effects of Ascorbic Acid on Histopathological Alterations in Some Tissues of Hybrid Tilapia (<i>Oreochromis niloticus</i> x <i>Oreochromis aureus</i>) Caused by Lead Toxicity
249	Fatma CAF, Sermin ALGÜL, Sibel KÖPRÜCÜ	Investigation of the adropin levels in the blood serum of <i>Cyprinus carpio</i> , <i>Cyprinion macrostomus</i> , <i>Mastacembelus mastacembelus</i> , <i>Oncorhynchus mykiss</i>
250	Fatma CAF, Sibel KÖPRÜCÜ, Sermin ALGÜL	Association of circulating irisin levels with feeding habit in <i>Mastacembelus mastacembelus</i> (carnivorous fish) and <i>Cyprinion macrostomus</i> (omnivorous fish)
266	Sermin ALGÜL, Fatma CAF, Sibel KÖPRÜCÜ	Presence of Nucleobindin-2/Nesfatin in <i>Cyprinus carpio</i> (Linnaeus, 1758), <i>Cyprinion macrostomus</i> (Heckel,1843)
16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (TR) Moderator: Assoc. Prof. Dr. Fulya TAN		
451	Elif Yüksel Türkboyları, Ahmet Nedim Yüksel	Use of Solar Panels in Greenhouse Soil Disinfection
270	Ebru Güneş, Kenan Köprücü	Investigation of the structural, biological and technical aspects of rainbow trout (<i>Oncorhynchus mykiss</i>) hatcheries in Kahramanmaraş Province, Turkey
316	Özlem AKSU, Durali DANABAŞ	Effects of Different Zeolite Rates on the Some Water Quality Parameters and Mortality in Crayfish (<i>Astacus leptodactylus</i> Eschscholtz, 1823) Culture
418	Ayşegül PALA, Osman SERDAR, Rahmi AYDIN, Azime KÜÇÜKGÜL	Determination of Some Antioxidant Enzyme Activities Based on Seasonal Change in <i>Capoeta umbla</i> (Heckel, 1843) Living in The Pülümür River (Tunceli)
420	Ayşegül PALA, Engin ŞEKER, Muhammet Enis YONAR	Effect of Tunceli Garlic on Hemoglobin Level, Oxidative Radical Production Activity of Neutrophils and Total Immunoglobulin Amount in <i>Cyprinus Carpio</i> Exposed to Chlorpyrifos
145	Fulya TAN, Cihangir SAGLAM	A Different Method of Using Nitrogen in Agriculture; Anhydrous Ammonia
562	Tuğçe Bilenler	Effect of Encapsulated Starter Cultures Usage and Heat Treatment on Lipid Oxidation of Sucuk: A Turkish Sausage, Türk Sucuğunun lipid oksidasyon değeri üzerine ısı işlem ve enkapsüle starter kültür kullanımının etkisi
16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (EN) Moderator: Prof. Dr. Kenan KÖPRÜCÜ		
267	Sermin ALGÜL, Sibel KÖPRÜCÜ, Fatma CAF	Comparatively examining of preptin levels in <i>Cyprinus carpio</i> , <i>Cyprinion macrostomus</i> , <i>Mastacembelus mastacembelus</i> , <i>Oncorhynchus mykiss</i>
269	Ebru Güneş, Kenan Köprücü	Investigation of the economical aspects of fry rainbow trout (<i>Oncorhynchus mykiss</i>) hatcheries in Kahramanmaraş Province, Turkey
320	Ece KILIÇ	Some Omega 3 Fatty Acids of Freshwater Fish Species across the Anatolia

62	Kenan Köprücü, Serpil Mişe Yonar, Sinan Özcan	Effects of dietary omega-3 long chain fatty acids on gonad development, oxidative stress, haematologic, immunologic and spermatologic values, liver and semen fatty acid composition of broodstock rainbow trout (<i>Onchorhynchus mykiss</i>)
359	Fatih Ulaş, Sevil Demirci, Emrah Şimşek	The Importance of Visual on Trawl Codend Selectivity
364	Özkan Akar, Emrah Şimşek, Aydın Demirci	Economic analysis of fishing ports in the Iskenderun Bay, Hatay

ROOM 9

16 NOVEMBER 2017 THURSDAY TIME 14:00-15:15 (TR)

Moderator: Dr. Esin SARIOĞLU

395	Hidayet Köse, Suat Çetiner	Drop Casting Method for Fabricating Heatable Electrically Conductive Cotton Jersey Fabrics
967	Esin Sarioğlu	A Study on Value Added Sustainable Knitted Fabrics From Recycled PET Bottles
478	Halil Celik, Özhan Çoban, Esin Sarioğlu	Investigation of Effect of Combing Noil Percentage on Compact Cotton Yarns Hairiness and Unevenness
71	Hüseyin ÖZDEMİR	Investigation Of Polypropylene Weaving Fabrics Against Wear Resistance And Air Permeability Performance
496	Halil Ozdemir	Statistical Evaluation of Dyeing Properties of Cotton/Elastane Knitting Fabrics
603	Ayşe Erol	Pressure Sensing Behaviour of Polypyrrole Coated Polyester Woven Fabrics

16 NOVEMBER 2017 THURSDAY TIME 15:30-16:45 (EN)

Moderator: Assist. Prof. Dr. Aslıhan KORUYUCU

123	Seval UYANIK, Hatice KAYNAK	Permeability Properties of Breathable and Non-Breathable Baby Diaper Backsheet
399	Fatoş Ceren Akıncı, Hatice KAYNAK, Yasemin Korkmaz	Air Permeability of Water Repellent Microfilament Woven Fabrics
402	Şeyma Biterge, Hatice KAYNAK, Yasemin Korkmaz	Fatigue Properties of Core-Spun Elastane Yarns with Different Elastane Draw Ratios and Fabrics Produced Therefrom
124	Seval UYANIK	Examining Absorption Properties of the Pile Loop Knit Fabrics with Moisture Management Tester
340	Aslıhan KORUYUCU	PRODUCTION OF ANTIBACTERIAL COTTON SHIRTS
196	Ebru YILMAZ, Serpil ÇETİN	Determination of Staphylococci and Escherichia coli colonization and biofilm formation on university students' mobile phones and hands

16 NOVEMBER 2017 THURSDAY TIME 17:00-18:15 (TR)

Moderator: Prof. Dr. Yasemin KORKMAZ

468	Hidayet Köse, Suat Çetiner	Resistive Pressure Sensing Behavior of Electrically Conductive PEDOT:PSS-Nonwoven Fabric Composites
604	Ayşe Erol	Drop Casting Method for Fabricating Conductive Polymeric Composites
708	Deniz ALA, Gamze Gülşen Bakıcı	Investigation of Thickness, Air Permeability and Burst Strength of 1x1 Rib Knitted Fabrics Produced by Combined Yarns
722	Gülbin Fidan, Yasemin Korkmaz	Contamination of Yarns Produced From Local and US Blends
203	İshak Afşin KARİPER	The Impact Of Organic Acids on the Hardness of Silica Xerogels
202	İshak Afşin KARİPER	Diamond-like Carbon Powder Materials
781	Yekta Karaduman	Mechanical Properties of Jute Fiber Reinforced Cork Based Sandwich Composites

17 NOVEMBER 2017 FRIDAY

ROOM 1

17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (TR)

Moderator: Assist. Prof. Dr. Saim KURAL

166	Süleyman Murat BAĞDATLI, Necla TOGUN	Vibration Analysis for Nano Beam Resting on Winkler Foundation via Modified Couple Stress Theory
611	Mehmet AYVAZ	The Determination of the Minimum Safe Thickness of the Metallic Hydrogen Storage Tank Materials against Ballistic Threats
210	Ali YURDDAŞ	Numerical Analysis Of Natural Convection Effects In Flat-Plate Solar Collector With Al ₂ O ₃ -H ₂ O And Cu-H ₂ O Nanofluids
609	Safiye İpek AYVAZ	Investigation of Wear Behavior of Hydroxyapatite Coatings Produced in Glycolic Acid - Sodium Gluconate Buffer System by Using Biomimetic Method
699	Saim KURAL	Investigation of Internal Resonance in Fluid Conveying Micro Beam
951	Tanıl ARKIŞ, Ayşegül ÖZGENÇ AKSOY, Mustafa DOĞAN, Ahmet Ali KUMANLIOĞLU	Use of Collar as a Countermeasure against Local Scour around Circular Bridge Pier under Unsteady Flow Conditions

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR)
Moderator: Assist. Prof. Dr. Süleyman Murat BAĞDATLI

897	Saim KURAL	Investigation of Ballistic Performance of Multi-Laminated Bulletproof Vests for Different Materials
935	Ali YURDDAŞ	Examination of the effects of different environmentally friendly refrigerants on the performance of a beverage refrigerators
625	Mehmet AYVAZ	A Novel Approach for Determining Effects of Fire Temperature on the Safety of the Type I Metallic Hydrogen Storage Tanks
371	Duygu ATCI, Süleyman Murat BAĞDATLI	Principle Parametric Resonance Behaviors of Microbeams Conveying Fluid under Non-ideal Clamped-Simply Supported Boundary Conditions
610	Safiye İpek AYVAZ	An Investigation of the Effect of Biomaterial Selection on the Static Strength of Femur Implants
720	Ali YURDDAŞ	Düzlemsel Güneş Kolektörlerinde Akışkan Taşıyan Boruların Tasarımı ve Hesaplamalı Akışkanlar Dinamiği ile İncelenmesi

17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR)
Moderator: Prof. Dr. Ali ÜNÜVAR

656	Erdem Zorer, Caner Eş, Anıl ÇELİK, Okan Yazici	Design Optimization of Release Bearing Based on Bearing Cage Thickness and Spinning Angle Parameters / Debriyaj Rulmanının Kafes Kalınlığı ve Sivama Açısı Parametrelerine Bağlı Tasarım Optimizasyonu
657	Oğuz Bargun, Samet Kabacaoğlu, Murat HAKTANIR, Ahmet Merdan	Improvement of Distortion In 430 mm Diameter Clutch Cover Used In Heavy Commercial Vehicles / 430 Milimetre Çaplı Debriyaj Baskısı Kafeslerinde Görülen Çarpılmanın İyileştirilmesi
718	Akar Dogan, Halis Kandaş, Okan Özdemir	Mechanical Behaviors of Glass Fiber Reinforced Sandwich Composites
81	Burak Emre Yapanmıs, Burhan BAYHAN, Berat Barış BULDUM	The Effects of Ball-Burnishing Speed And Feed Rate on Surface Roughness and Hardness in Aluminum Alloys
160	Nesrin İlgin Beyazıt, Meral Özel	Condensation Analysis According To Months On The Exterior Walls Of Buildings In Elazığ City

17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (EN)
Moderator: Prof. Dr. Hakan YAVUZ

368	Ahmet Koca, Halil Yamaç	Oscillating Water Column Analysis in Numerical Wave Tank with Variable Base Geometries
460	Hasan Çağlayan, Hakan Çalışkan	Energy and Exergy Analysis of a Heat Generation Unit for the Spray Dryer
64	Burak Emre Yapanmıs, Abdullah SEÇGİN, Ahmet ERDOĞAN, İ.Gökhan Aksoy	Selection of the Best Geometrical Parameters for a Truncated Pyramid Diffuser Based On Sound Transmission Loss under Air-Flow
773	Aslı ABDULVAHİTOĞLU, İbrahim YILMAZ	Projected potential of Landfill gas in Çukurova region
482	Hürrem Akbıyık, Hakan Yavuz, Alper Burgac	The Effects of 3D Flow Structure on the Aerodynamic Forces of an Aircraft Wing
450	Hasan Çağlayan, Hakan Çalışkan	Thermodynamic Assessment of a Gas Turbine for the Ceramic Factory
431	Burak Arseven	Designing a Photovoltaic Panel Emulator to Model Partial Shading Effects

17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (TR)
Moderator: Prof. Dr. L. Canan DÜLGER

957	Sercan Sunar, Arif Derin, Soner Zirvalı	Test System (Automation) Development For Sliding Door Testing
594	Alper Yıldırım, Coskun Ozalp, Ertaç HÜRDOĞAN	Değişken Soğutucu Akışkan Debili (VRF) Bir Sistemin Ekserjetik Modellemesi ve Deneysel Performansının Değerlendirilmesi
623	Murat Koyunbakan, Salih Hakan Yetgin, Ferhat Yıldırım, Volkan Eskizeybek, Gözde Kuş, Abdurrahman Genç	KARBON ELYAF KATKILI POLİAMİT 6 POLİMERİNİN MEKANİK ÖZELLİKLERİNİN İNCELENMESİ
646	Süleyman Çağan	HAFİF METALLERDE MİNİMUM MİKTARDA YAĞLAMA (MQL) SİSTEMİNİN KULLANIMI
1	Mehmet Öksüz, Mehmet Burak Onal, Recep Halicioglu, L. Canan Dulger	Rotary Inverted Pendulum: Full State Controller Design by Pole Placement Method

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (TR)
Moderator: Assoc. Prof. Dr. Coşkun ÖZALP

105	Gökhan BAŞAR	Effects of Colemanite and Ulexite on the Tribological Characteristics of Brake Friction Materials
211	BARIŞ KAVASOĞULLARI	Effects of packing thicknesses and packing channel angles on the performance of LiBr-water dehumidification system
481	Umut AKSU, Mehmet Seha TATLIER	From Nature to Science: Auxetic Feature and Its Applications
585	Alper Yıldırım, Coskun Ozalp	İklimlendirme Sistemlerinde Kullanılan Farklı Tip Menfez ve Difüzörlerin Yerleşimi, Jet Nozulun Hız Dağılımlarının İncelenmesi
34	Ayşe Özyuğuran Arifoğlu, Serdar Yaman, Sadriye Kucukbayrak	Prediction of Calorific Value of Biomass Based on Elemental Analysis

17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (EN)**Moderator: Prof. Dr. Tuncay YILMAZ**

68	Mahmut TANDOĞAN, Ömer EYERCİOĞLU	Experimental and Numerical Investigation of Rubber Pad Forming Process
298	Çağrı Uzay, Necdet Geren, Mete Han Boztepe, Melih Bayramoğlu	Bending Behavior of Sandwich Structures Having Low Density PVC Foam Cores and $\pm 45^\circ$ Carbon/Epoxy Facings
566	Alper Yılmaz, Arif Emre Aktaş, Mehmet Erdinç, Tuncay Yılmaz	Analytical and numerical investigation of a refrigeration cycle integrated with an other cycle for subcooling
521	Kasım Gül	Simulation and Design of a Glider Swarm Robotics Platform
925	Gökhan BAYAR	Development of an IR Sensor Based Low-Cost Lidar System to Use in Robotic Mapping Applications

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (EN)**Moderator: Assoc. Prof. Dr. Fatih ŞEN**

70	Mahmut TANDOĞAN, Ömer EYERCİOĞLU, Mehmet MUMBUÇOĞLU	Analysis of Warm Forming of Locally Heated Magnesium Alloy AZ91B
673	Mehmet Kürşat YALÇIN, ERHAN ERSOY	Designing Autopilot System for Fixed-Wing Flight Mode of a Tilt-Rotor UAV in a Virtual Environment: X-Plane
911	Gökhan BAYAR	Design of an IR Distance Sensor Calibration Tool to Increase Short Range Measurement Accuracy
44	Duygu KAYA, Mustafa TÜRK, Turgay KAYA	Neural Network Based Noninvasive Blood Pressure Classification
254	Amira Tandirovic Gursel	Optical Methods in Non-invasive Blood Glucose Monitoring

17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR)**Moderator: Assist. Prof. Dr. Ali ÖZ**

360	Gökçe GENÇER, Coşkun YOLCU, Fatih KAHRAMAN	Bakır Esaslı Bimetal Kaymalı Yatak Malzemelerin Yüzey Mekanik Özelliklerinin İncelenmesi
362	Coşkun YOLCU, Gökçe GENÇER, Fatih KAHRAMAN	Ultrasonik Dövme Yöntemi ile Deforme Edilmiş Bakır Esaslı Bimetallerin Aşınma Davranışlarının İncelenmesi
342	Akar Dogan, Yusuf Arman	Experimental Investigation of Impact Behavior of E-glass / Epoxy Composite Exposed to Different Environmental Conditions
446	Ulaş ÇAYDAŞ, Mahmut ÇELİK	Magnetic Abrasive Finishing Technique
834	Özkan KON, Ali Öz, Serdar PAZARLIOĞLU	Pin-On And Ball-On Disc Wear Test Device Design And Manufacturing
842	Mehmet Fatih Aşçı, Cuma Karakuş, İsmail Üstün, Ali Koç, Hüseyin Yağlı, Ertuğrul Baltacıoğlu	Hatay İli Biyogaz Enerji Potansiyelinin İncelenmesi

17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR)**Moderator: Prof. Dr. Ali ÜNÜVAR**

208	Veysel Timoçin	ÇOK PARÇALI MAKİNE SİSTEMLERİNİN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ VE TASARIMI
219	Mustafa KIRMAN, İbrahim AYDIN	Investigation of Mechanical Properties By Finite Elements Method of Hydroxyapatite Coating of Ti6Al4V Material Surface Using Aminoacetic Acid - Sodium Aminoacetate Buffer System
958	Turgut Seçkin, Alper Altın, Abdullah Tuncer	The Analysis of Effect Air Brake System Design Changes To Improve Apply and Release Time For USA Market
189	Eser HARBELİOĞLU, Gökhan DOĞAN, Fatih ÖNHON	DIE IN DIE
205	Nesrin İlgin Beyazıt	Design and Experimental Analysis of A Solar Hybrid Type Drying System
279	Kamil Beşoluk	Three Dimensional Modeling and Morphometric Analysis of Os Hyoidium (Hyoid Bone) In The Akkaraman and Kangal Akkaraman Sheep

17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (EN)**Moderator: Assoc. Prof. Dr. Önder KAŞKA**

223	Fatih SEN, Zeynep Daşdelen	Microwave heated polyol synthesis of novel carbon-supported Pt nanoparticles for methanol electrooxidation
369	Ahmet Koca, Halil Yamaç	Comparison of Cooling Performances of Pin-Fin, Plate-Fin and Plate-Pin-Fin by Using Numerical Method
923	Abdulkadir Kocer, İsmet Faruk Yaka, Afsin Gungor	Hydrogen Purification of Groundnut Shell Residues
741	Duygu KAYA, Mustafa TÜRK, Turgay KAYA	Examining the Effect of Dimension Reduction on EEG Signals by K-Nearest Neighbors Algorithm
947	Zeynep Orman	NANO-BIOCERAMIC PRODUCTION FROM MARINE SOURCE

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (TR)**Moderator: Prof. Dr. Tonguç ÖZDEMİR**

633	Zümra Bakıcı Tanaydın	Adsorption of Ni(II) Ions from Aqueous Solutions by Kaolinite
704	Tonguç ÖZDEMİR	Development of PDMS Based Crosslinked Elastomeric Neutron Absorbing Material

714	Mehmet Tanaydın	Examination of Leaching of Malachite Ore in Sulphuric Acid Solutions
785	Serdar ARAL	Energy and Exergy Analysis of Thin Layer Drying of Hawthorn Fruit in a Convective Dryer
930	Umur Korkut Sevim	Alkali Activation of Colemanite and Borogypsum
845	Derya Tekin	Fe ₃ O ₄ /SiO ₂ /CdS Çekirdek-Kabuk Yapılı Fotokatalizörlerin Üretilmesi ve Fotokatalitik Aktivitelerinin İncelenmesi
ROOM 3		
17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (TR) Moderator: Dr. Nazmi SEDEFOĞLU		
354	Turan Gürgeç	Effect of Alloying Composition on Microstructure and Microhardness of Fe-Cr-W-B-C Coating on Low Carbon Steel Coated with PTA Method
503	Ömer Güler	The Effect of Nano-Sized Additives on Releasing Energy and Ignition Temperature of Thermite
412	Nazmi Sedefoğlu	Synthesis and Structural Properties of Bi-doped ZnO by the Solvothermal Method
549	Reşit ÇAKMAK	Schiff Base Ligands as a Potential Corrosion Inhibitor: Synthesis and Characterization
715	Beşir Dağ, Reşit ÇAKMAK	Synthesis and Spectroscopic Characterization of Schiff Bases containing 4-aminoantipyrine Moiety
832	İZHAM KILINÇ	The Effects Of Production Factors On Thermal Conductivity Of The Oriented Strand Boards (OSB) Made From Black Poplar
17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR) Moderator: Assist. Prof. Dr. Ömer GÜLER		
426	Turan Gürgeç	Comparison of Microstructure and Microhardness of Fe-Cr-W-B-C and Fe-Cr-B-C Coating on Low Carbon Steel Coated with PTA Method
504	Ömer Güler	The Effect Of Graphene-Carbon Nanotubes Together On Properties Of Commercial ZnO
464	Mert MUTLU, Nazlı Ceren ÇETİN, Seyhan ÖNDER	TKİ'ye Bağlı Açık İşletme Kömür Madenlerinin Analitik Hiyerarşi Yöntemi ile Risk Temelli Sınıflandırılması
830	İZHAM KILINÇ	The Effects Of Production Factors On The Screw Withdrawal Strength Value Of The Oriented Strand Boards (OSB) Made From Black Poplar
927	İbrahim Karteri	EMI Shielding Behaviors of Polymer Nanocomposites Using Reduced Graphene Oxide Sheets
810	Hazel Durmaz, Melik Koyuncu	Assignment Problems in Production Processes with Different Skilled Labor Levels (Farklı İşgücü Seviyelerinin Olduğu Üretim Süreçlerinde Atama Problemi)
17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (EN) Moderator: Dr. Yusuf ZALAOĞLU		
493	Handan Aydın, Cihat Aydın	The Comparison of the Optical properties at different sintering temperatures of Zinc Oxide nanopowders fabricated via the Sol-Gel Process
284	Sayavur Bakhtiyarov, Elguja Kutelia	Self-Healing Metallic Composite
302	Erdem Camurlu, Filippo Maglia	Effect of Calcination Temperature on Sol Gel Synthesized LSGM 2017 Ceramic
424	Çınar Öncel	Different Shades of Ruby Powder Syntheses via Organic Precursor Technique
952	Yusuf ZALAOĞLU	Optimum Diffusion Annealing Temperature for Stabilization of Superconductivity in Ni Surface-Layered Bi-2223 Ceramics
775	Gül Asiye Ayçık, Ezgi Eren Belgin	Comparison of Electromagnetic Radiation Attenuation Performances and Structural-Thermal Properties of Natural Ilmenite and Natural Hematite Reinforced Polyester Based Composites
17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (EN) Moderator: Prof. Dr. Banu SOYLU		
494	Cihat Aydın, Handan Aydın	Synthesis, structural characterizations of Cu _{1-x} Ni _x O nano powders by the hydrothermal method
277	Banu Soylu	Stochastic Modeling of a Refrigerated Food Logistics Chain in order to Optimize Food Quality
372	Erdem Camurlu M. Ayse Dere, Gökhan Güldük, Mahmut Savaş	Powder Metallurgical Production and Characterization of Aluminum Matrix Composites Reinforced with TiC-Al ₂ O ₃
920	Taha Yasin EKEN, İrem SAPMAZ, Mert GUNYUZ, Hatice MOLLAOĞLU ALTUNER, Cevat SARIOĞLU, İsmail KUCUK	EFFECTS OF SURFACE ROUGHNESS ON THE ELECTROCHEMICAL CORROSION BEHAVIOUR OF TWIN ROLL CASTING 3003 ALUMINIUM ALLOYS IN 5 wt.% NaCl SOLUTION
953	Yusuf ZALAOĞLU	Optimum Annealing Temperature for Stabilization of Durable Tetragonal Phase in Ni Diffusion-Doped Bi-2223 Polycrystalline Material and Transgranular Region Preference of Crack Propagation in New Matrix
776	Gül Asiye Ayçık, Ezgi Eren Belgin	Effect of Filler Loading Ratio on Electromagnetic Radiation Shielding Performances of WC and BC Reinforced / Isophthalic Polyester Based Composites at Different Energy Regions
17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (EN) Moderator: Prof. Dr. Banu SOYLU		
276	Banu Soylu, Hacer Seval Bektaş, Kübra Kaytancı, Ayşegül Erbaş	Improving Logistics Operations in a Cold Supply Chain: An Experimental Analysis
544	UĞUR SOYKAN	Synthesis and Characterization of Micron-Size Crosslinked Microspheres by Inverse Suspension Polymerization of N-vinylpyrrolidone/Novel Rod Like Diacrylate
548	Metin Yurddaskal, Mustafa EROL, Erdal Çelik	Development of the electrical conductivity in carbon based polymer composites

564	KEREMCAN GÖKÇÜL	The Effect of Thermomechanical Rolling Temperature on the Mechanical Properties of the High Yield Strength Structural Steel Using as Axle Box
664	Hüsnü Yurtsever, Muhsin Çiftçioglu	Photocatalytic H ₂ Production and CO ₂ Reduction with Neodymium Doped Titania Powders Prepared by Chemical co-Precipitation
893	Fatih ALAS, Kamal ABDELRAFI, Jose VIRTUOSO, Jose ROMERO, Pedro ANACLETO, Israfil KUCUK, Sascha SADEWASSER	CHARACTERIZATION OF ELECTRODEPOSITED CuInSe ₂ THIN FILMS FOR SOLAR CELLS

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (TR)
Moderator: Assist. Prof. Dr. Meltem KIZILCA

783	Nida DOĞAN	BULANIK MANTIK YÖNTEMİ İLE YAĞIŞ MODELLEMESİ İSTANBUL UYGULAMASI
888	Bahtiyar EFE	Atmosferik Engelleme Olaylarındaki Değişimin Yenilikçi Eğilim Metoduyla Analizi
774	İBRAHİM BEKTAŞ	The Effect of Sap and Heartwood Differences on Janka Hardness Values of Wood Materials
767	İBRAHİM BEKTAŞ	Potential of Lignocellulosic Based Fiber Sources in the East Mediterranean Region
288	Havva Mumcu Şimsek	Kinetics of di-ammonium hydrogen phosphate leaching of borogypsum
290	Meltem KIZILCA	A statistical analysis of the dissolution of colemanite in CO ₂ and SO ₂ - water systems using Minitab software: A Taguchi Approach

ROOM 4

17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (EN)
Moderator: Assist. Prof. Dr. Aytuğ ONAN

497	Güngör YILDIRIM, Yetkin TATAR	Efficient Big Data Management in Big Scale IoT-WSN Systems
602	Aytuğ ONAN	Psycholinguistic feature sets in sentiment analysis on Twitter: an empirical analysis
703	Suhair SAUD, Halife Kodaz	Solve the Traveling Salesman Problem Using Improved Particle Swarm Optimization
754	Ahmet Aydin, Mustafa Oral, Serkan Kartal	XOR and Sparse String Based Image Compression Algorithm
21	Barış Karakaya, Turgay Kaya, Arif Gülten	FPGA-based Artificial Neural Network Design for Epileptic Seizure Detection in EEG Signal
821	Tamer Tulgar, Ali Haydar, İbrahim Erşan	Z-KNN: A Novel Nearest Neighbor Classifier for Big Data Analysis

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR)
Moderator: Assist. Prof. Dr. Fatih ÖZKAYNAK

485	Fatih Özkaynak	An Application of Homomorphic Encryption for Secure Signal Processing
498	Zülfü ALANOĞLU	Raspberry Pi Based Intelligent Robot: Recognize and Place Puzzle Objects
802	Muhammed İLKUCAR	Android Application for Traveling Salesman Problem Using the Harmony Searching Algorithm Supported Google Maps
118	Erdal Erdal, Atilla Ergüzen, Mahmut Ünver	Region-Based Medical Image Compression: Why and how?
117	Erdal Erdal, Atilla Ergüzen, Mahmut Ünver	Database Management Systems: From Traditional to New Age
315	Server Eraldemir	HILBERT HUANG DÖNÜŞÜMÜ UYGULANAN EEG İŞARETLERİNDE J48 VE RASTGELE ORMAN SINIFLANDIRICILARININ KARŞILAŞTIRILMASI

17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR)
Moderator: Assist. Prof. Dr. Muhammed İLKUÇAR

484	Fatih Özkaynak	Breaking of An Image Encryption Algorithm Based on Chaotic Systems
806	Muhammed İLKUCAR	Unbalanced Assignment Problems' Optimization with Population Based Evolution Searching Algorithms
190	Server Eraldemir	The Effect of Feature Selection Algorithms in EEG Signal Analysis
252	Mustafa Kaytan	A Study On The Use Of Heuristic Algorithms In Information Security
835	Tuba PARLAR, S. Ayşe Özel	An Investigation of Term Weighting and Feature Selection Methods for Sentiment Analysis
499	Abdüssamed Erciyas, Erdal Erdal, Atilla Ergüzen	CUDA ile Medikal Görüntü İşleme
292	Sinan Altun	Classification of MR Spectroscopy Data in Brain Tumor Diagnosis

17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (EN)
Moderator: Assis. Prof. Dr. Dilek GÖKTÜRK

547	Fatih Özyurt, Türker Tuncer, Engin Avcı	A ROBUST PERCEPTUAL HASH FUNCTION BASED ON DWT-SVD
592	Rozelin Aydın, Yağmur Atakav, Sema Şirin	Investigation of Physicochemical and Microbiological Parameters of Household Water Filtration Systems
746	Meryem Damla Ozdemir, Dilek Gokturk	Investigation of the Cytotoxic Effect of Lavandula Stoechas in the Glioblastoma Cell Culture
870	Hayrunnisa KAYA, Dilek Gokturk	STUDYING THE POTENTIAL OF USING CELL FREE SURVIVIN PROTEIN AS A BIOMARKER IN THE CANCER DIAGNOSIS
528	Cem Baytore, Merih Palandoken, Adnan Kaya	Flexible WLAN Antenna with Polymer-Ceramic Composite Substrate

531	Çiğdem Yıldızak, Ali Kemal Okyay, Mahmud Yusuf Tanrıkkulu	Process Design and Thermal Simulations of a Single Layer Microbolometer
17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (EN) Moderator: Prof. Dr. Adil ALLAHVERDİYEV		
667	Fatih Özyurt, Türker Tuncer, Engin Avcı	A Novel CRT and Chaos Based Image Authentication Method for Color Images
943	Didem Demir Karakuş	Antibacterial Activity of Silver Nanoparticles Synthesized From Aloe Barbadensis Leaf Extract
978	Emrah Sefik ABAMOR, Adil M. ALLAHVERDİYEV, Melahat Bağirova	Nanoparticle-based Combination Therapy: A New Strategy for Overcoming Leishmaniasis
979	Adil M. ALLAHVERDİYEV, Emrah Sefik ABAMOR, Melahat Bağirova	Polymeric Drug Delivery Systems for Fighting Against Leishmaniasis
981	Rozelin Aydın, Yağmur Atakav	Isolation, Characterization and Identification of Bacteria Live in Extreme Conditions
330	Muhammet Dogan	In Vitro Propagation of the Medicinal Aquatic Plant Rotala rotundifolia (Buch-Ham. ex Roxb) Koehne
17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (TR) Moderator: Assoc. Prof. Dr. Durali DANABAŞ		
329	Muhammet Dogan	The Influence of Kinetin on the Shoot Regeneration of Limnophila aromatica (Lamk.) Merr. from Shoot and Nodal Explants
427	Ahmet Özcan, Erdal Erdal, Atilla Ergüzen	New Approach in Distance Education: Cloud
398	Önder Aksu, Başar Altınterim, Durali DANABAŞ	Usage of the Hydrosols in Aquariums as Antimicrobial and Water Quality Enhancer Materials
467	Şerife Eylül DUMAN, Ali Tevfik UNCU	Genotyping By Sequencing (GBS) for Plant Genetic Diversity Analysis
291	Sinan Altu	Analysis of MRS Signals by Using Clustering Techniques
766	Feral Geçer Sargın	Sürekli Toplanan Anlık Trafik Verisinin Doğruluğunun Test Edilmesi ve Ulaşım Planlamasında Değerlendirilmesi
ROOM 5		
17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (TR) Moderator: Prof. Dr. Murat BİKÇE		
793	Ömer BÖLÜKBAŞI, Umur Korkut Sevim	Investigation of Different Uses of Iron and Steel Slags
885	Manolya Özdemir	Determination of Service Levels for Public Areas in Urban Spaces in Şişli District Istanbul
483	Muhammet ERDEM, Murat BİKÇE	Determination of Relative Storey Drift Limits in Flexible Jointed Infill Wall Applications
491	MURAT TABANOĞLU, ÜMİT YURT, HALİL YILMAZ	Analysis Of Gis-Based Housing Valuation Approaches
560	Murat BİKÇE	Investigating the Hazard of Floating in Structures
626	Murat Öztürk	Using Electric Arc Furnace Slag as an Alternative to Natural Aggregate
17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR) Moderator: Prof. Dr. Murat BİKÇE		
794	Ömer BÖLÜKBAŞI, Umur Korkut Sevim	Size Reduction and Circuit Design of Electric Arc Furnace Slag of Suitable for Cement and Concrete Production
788	Kaan Dal	Validation of Dam Break Flood Wave Propagation on Trapezoidal Contraction in Rectangular Channel Using HLL Riemann Solver
792	Burak Erdogan	Numerical Modelling of Sloshing in a Rectangular Tank Using General Moving Object
486	Muhammet ERDEM, Murat BİKÇE	Examination of Maximum Relative Storey Drift Limitation According to 2007 DBYBHY
492	MURAT TABANOĞLU, ÜMİT YURT, BEHÇET DÜNDAR, HALİL YILMAZ	Analysis Of The Physical Well-Being Of Vocational Schools
561	Murat BİKÇE, Süleyman GÖÇER	Pre-Construction Project Account Approximate Bill Of Quantity Program
17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR) Moderator: Assist. Prof. Dr. Selçuk KAÇIN		
858	Ömer BÖLÜKBAŞI, Kemal Tahir	Investigation of Physical Properties of Limestone from Denizciler in İskenderun
627	Murat Öztürk	Mechanical and Microstructural Properties of Alkali Activated Electric Arc Furnace Slag
730	Gökmen ÇERİBAŞI, Umut AYTULUN, Merve ÖZDİN	Sakarya Havzasında Yer Alan Su Kaynaklarının Durumu ve Yönetimi
760	Selcuk Kacin, Emrah SOYSAL	The Effects of Infill Walls on the Dynamic Behavior of a Reinforced Concrete Structure
786	Kaan Dal	SPH Simulation of Dam Break Flow over Dry Bed at Initial Stages
795	Esra Dobrucalı, İsmail Hakkı Demir	Yapım Projelerinde Yaklaşık Maliyetin Belirlenmesinde Yapay Zeka Tekniklerinin Kıyaslanması
17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR) Moderator: Assist. Prof. Dr. Ömer Saltuk BÖLÜKBAŞI		
869	Ömer BÖLÜKBAŞI, Kemal Tahir ÖNGÜ	Investigation of Compressive Strength Properties of Limestone Samples

58	Akın İSTEK, Taner ALATAŞ	Evaluation of Indirect Tensile Stiffness Modulus (ITSM) of Bituminous Mixtures Prepared with Different Warm Mix Asphalt Additives
831	Ceyhun AKSOYLU, Nail KARA	Experimental Investigation of Strengthened Infilled Wall Using Different Type of Precast Panel
807	Gökmen ÇERİBAŞI, Umut AYTULUN, Merve ÖZDİN	Yenilikçi Şen Yöntemi İle Sakarya Nehrinin Akım Miktarlarının ve Sakarya Bölgesinin Yağış Miktarlarının Analizi
825	Ahmet ÜNAL, Fatma Necmiye Kacı, Muhammed Yasin ÇODUR, Arzu Görmez	Effect of Bacteria on Asphalt Peeling Tests
851	Ada Yılmaz	Numerical Analysis of Dam-Break Flow in a Rectangular Tank Using Finite Element Method

17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (TR)
Moderator: Prof. Dr. Tonguç ÖZDEMİR

462	Zümra Bakıcı Tanaydın	Adoption of Cu(II) Ions with Pumice
475	Hilal Çelik Kazıcı, Fırat Salman, Müge Yayla	Determination of Kinetic Parameters of Enzymatic Biosensors, Prepared for Glucose Determination
688	Gizem Ercan, Deniz UZUNOĞLU, Memduha ERGÜT, Ayla Özer	Biosynthesis and characterization of iron oxide nanoparticles from Enteromorpha spp. extract: determination of adsorbent properties for copper(II) ions
702	Tonguç ÖZDEMİR	Shielding Different Types of Ionizing Radiation Using Polymeric Materials
860	Derya Tekin	Fe ₃ O ₄ /SiO ₂ /ZnO/Ag Fotokatalizörlerinin Sentezlenmesi ve Fotokatalitik Aktivitelerinin Belirlenmesi
871	Hakan Kızıltaş	Fe ₃ O ₄ /SiO ₂ /TiO ₂ /Ag Fotokatalizörlerinin Sentezlenmesi ve Fotokatalitik Aktivitelerinin Belirlenmesi

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (TR)
Moderator: Assoc. Prof. Dr. Taner ALATAŞ

934	Ömer BÖLÜKBAŞI, Kemal Tahir ÖNGÜ	Study of Steel Mill Slag from Integrated Iron and Steel Plant Effect on the Carrying Power of the Clayey Soils
545	Gül BALIK, Mehmet YILMAZ, Taner ALATAŞ, Baha Kök	Evaluation of Indirect Tensile Stiffness Modulus of Hot Mix Asphalts Prepared at Different Mixing Temperatures
928	Ceyhun AKSOYLU, Musa Hakan Arslan, Mehmet Said Sertkaya	Determination of Shear Capacity of Rectangular Reinforced Concrete Beams Having Stirrups by Using Experimental Database
838	Ahmet ATALAY, Ahmet ÜNAL, Muhammed Yasin ÇODUR	Transport Policies in the Field of Traffic Safety
849	Ada Yılmaz	Numerical Analysis of Fluid-Structure Interaction Problems by CEL Method
780	Ayşenur KILIÇ AK	Odun Türünün Dinamik Eğilme Direnci Üzerine Etkisi
883	Manolya Özdemir	Determination of Local Residents' Claims for the Refunctioning of Industrial Heritage; Example of İstanbul Sümerbank Beykoz Leather and Shoe Factory

ROOM 6

17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (EN)
Moderator: Assoc. Prof. Dr. Ertaç HÜRDOĞAN

409	Alper Burgac, Hakan Yavuz	Evaluation of a new hybrid tuning technique for optimum operation of heaving type Wave Energy Converters
410	Alper Burgac, Hakan Yavuz	Recent Status: Wave Energy Conversion and Control Systems
642	Kamil ÇERÇİ, Mustafa SÖYLER, Özge SÜFER, Ertaç HÜRDOĞAN	Mathematical Modeling of Drying Behavior Of Zucchini in a Solar Assisted System
778	Nida DOĞAN	ANALYSIS OF WIND SPEED AND DIRECTION ON THE THIRD AIRPORT AREA IN İSTANBUL
980	Onder Kaska, Ceyhun Yılmaz, Onur Bor, Nehir Tokgöz	The Performance Assessment of a Combined Organic Rankine-Vapor Compression Refrigeration Cycle Aided Hydrogen Liquefaction

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR)
Moderator: Assoc. Prof. Dr. Coşkun ÖZALP

65	Mehmet Mustafa Yataarkalmaz, Mustafa Bahadır ÖZDEMİR, Halil İbrahim VARIYENLİ	The Experimental Comparison of Efficiency of Polycrystalline and Monocrystalline Photovoltaic Modules
215	Mustafa SÖYLER, Coskun Ozalp, Ertaç HÜRDOĞAN, Kamil ÇERÇİ, Alper Yıldırım	Increasing the Efficiency of the Open Flame Annealing Furnace and Examining the Economic Analysis
344	Ali Soğuksu, AliKemal, Süleyman Kerli	Farklı Tuzlardan Elde Edilen Kobalt Oksit İnce Filmlerinin Hazırlanması ve Karakterizasyonu
439	Ragıp YILDIRIM	Investigation of the Effect of Filling Ratio on Thermal Performance of Two Phase Closed Thermosyphon
236	Fatih SEN, Betül Sen, Buse Demirkan, Özge Paralı	Monodisperse PdSn Nanoclusters With Very High Catalytic Activity For The Hydrogen Production
516	Handan ÖZLÜ TORUN	Synthesis and Characterization of Ce _{1-x} Y _x Er ₂ O ₇ for Ceramic Electrolyte

17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR)
Moderator: Assoc. Prof. Dr. Önder KAŞKA

517	Handan ÖZLÜ TORUN	Characterization of Er-Doped and Er-Gd Co-Doped Ceria-Based Electrolyte Materials For SOFC
629	Onder Kaska, Ömer Özgün, Onur Bor, Nehir Tokgöz	Waste-heat Recovery Potential in Natural Gas Boiler: Case study

632	Necdet Altıntop, Onur Bor, Nehir Tokgöz, Ömer Özgün	Numerical Analysis of Thermal Stratification Obstacles Located Into Mantled Hot Water Tank
239	Fatih SEN, Özge Paralı, Betül Sen	Highly Active and Reusable Nanocomposites in the Hydrogen Production from Hydrogen Storage Material via Bimetallic PdCo Nanocatalyst Supported On GO
643	Hasan AKMAN, Kamil ÇERÇİ, Ertaç HÜRDOĞAN, Orhan BÜYÜKALACA	Güneş Enerjisi Destekli Bir Kurutma Sisteminin Tasarımı, İmalatı ve İlk Ölçüm Sonuçlarının Değerlendirilmesi
651	Osman KARA, Kamil ÇERÇİ, Ertaç HÜRDOĞAN, Coskun Ozalp	Nem Almalı-Nem Uzaklaştırmalı Damıtma Sistemleri: Literatür Çalışması
17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR) Moderator: Assoc. Prof. Dr. Ertaç HÜRDOĞAN		
654	Kamil ÇERÇİ, Ertaç HÜRDOĞAN, Osman KARA	Gıda Kurutmada Nem Almalı Kurutma Sistemlerinin Kullanımı: Literatür Çalışması
674	Mustafa SÖYLER, Coskun Ozalp, Doğan Alnak, Ferhat Koca, Koray Karabulut	Numerical Investigation of Flow and Heat Transfer on Semi Sphere in a Channel
675	Mustafa SÖYLER, Coskun Ozalp, Kamil ÇERÇİ, Alper Yıldırım	Preparing For a Computer Program to Increase Energy Efficiency Projects
755	Hayri OĞURLU, Nurettin ÇETİNKAYA	Electricity Pricing Algorithm for Transmission System Users
759	Ragıp YILDIRIM	Solar Power Plant Feasibility Study for Bucak Emin Gulmez Technical Vocational School of Science
942	Gülcan İner	Two Country at Same Parellel in Solar Energy Productions: Usa and Turkey
17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (TR) Moderator: Assoc. Prof. Dr. Feridun DEMİR		
984	Yunus Emre Güzelel, Hüseyin Akıllı, Ertaç Hürdoğan, Orhan Büyükalaca	Parametric analysis of a desiccant seed drying system
584	Onder Kaska, Onur Bor, Mürüvvet Avcı, Muhammed Murat Aksoy, Nehir Tokgöz	A Literature Review Study of Using Nanofluids in Heat Transfer Enhancement
345	Ali Soğuksu, AliKemal, Süleyman Kerli	Farklı Sıcaklıklarda Hidrotermal Yöntem ile Kobalt Oksit Nanoparçacıkların Üretilmesi ve E7 Nematik Sıvı Kristal Karışımın Eşik Voltajı ve Faz Geçiş Sıcaklığına Etkisi
7	Hasan Öztürk, Ümran Atay	Electricity Generation by Renewable Resources in Turkey: Current Status and Future Perspectives
67	Adnan Kurt	Thermal Properties of Benzofuran Containing Polymer/Clay Nanocomposites
227	Pelin ÖKDEM, Hatun Şilan TAŞTEMUR, Batuhan Savaş KARAKOÇ, Hatice ÇETİN, Hasan Hüseyin LALE, Osman Cem ALTINCI, and Feridun DEMİR*	Determination of Ceyhan River Water Quality
17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (EN) Moderator: Dr. Gökhan SEZER		
19	Sukru Aslan	Effect of Copper on Biological Denitrification in the Batch Units
587	Hakan OGUZ, Tayfun Kiraccakali, Merve Kirteke	Web-Based GIS of the Haci Hasan Efendi Park
753	Şükran Çakır Arıca	Evaluation of Genotoxic and Antigenotoxic Effects of Pectin
758	Habibe Elif Gülşen Akbay, Ceyhan Akarsu, Halil Kumbur	Treatment of fruit juice concentrate wastewater by electrocoagulation: Optimization of COD removal
841	Zeynep Görkem Doğaroğlu, Nurcan Köleli	Effects of EDDS and ZnO Nanoparticles Interaction with TiO ₂ Ag Nanoparticles on Rye Seed Germination
890	Gokhan SEZER	Adsorption of Tetracycline antibiotic on Lemna minor L.
894	Gokhan SEZER	The remove of heavy metal and color containing Ni, Cu and Cr from textile wastewater by activated sludge adsorption
ROOM 7		
17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (TR) Moderator: Assist. Prof. Dr. İsmail KOYUNCU		
357	Murat TUNA, Can Bulent FIDAN, İsmail KOYUNCU, İhsan PEHLİVAN	FPGA-Based Design of a Novel TRNG
436	İbrahim Çelik, Mustafa Şekkeli, Habip Yusuf Hasırcı, Mustafa Nalbantoğlu	Performance Analysis of a 10 Kwp Grid on Solar Photovoltaic Power Plant in Kilis
476	Alper YILMAZ, Gokay BAYRAK	Detection and Classification of Voltage Sags and Swells in Grid Connected PV Systems
480	Mehmet Sağlam, Mesut Kartal	The New 3rd Generation Partnership Project Scheduler for Non-Real Time Traffic
582	Haydar Ankishan	An Approach for Prediction of Heart Beat Rates Interests with Acoustic Voices
762	Mehmet Anadol	Determination of Power Losses Occurring due to Snowfall based on Grid-Connected Inverter Data

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (EN)**Moderator: Assist. Prof. Dr. Gökay BAYRAK**

22	Barış Karakaya, Meral Akarçay Türk, Mustafa Türk, Arif Gülten	Selection of Optimal Numerical Method for Implementation of Lorenz Chaotic System on FPGA
229	Bassam Al-Hanahi, Burak Akin	MPPT Controlled Converter Design and Simulation for Solar Charger Application
245	Gokay Bayrak	RESEARCHING COMPATIBILITY OF INVERTER RESIDENT ISLANDING DETECTION METHODS WITH HYDROGEN ENERGY-BASED MICROGRIDS
285	Yüksel TOKUR BOZKURT, Necmi TAŞPINAR	PAPR Reduction in OFDM Systems Using Partial Transmit Sequence Combined with Bat Algorithm
306	Sertaç Yaman, Yavuz Ozturk	Determine of Magnetic Properties of the Liquid Magnetic Nanoparticles with Optical Setup
311	Arzu Türksoy, Yakup Hameş, Ahmet Teke	Evaluation of Control Techniques in the Grid Connected Photovoltaic Systems

17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR/EN)**Moderator: Assist. Prof. Dr. Zehan KESİLMİŞ**

770	Mustafa Arı, Gürkan Bilgin	Measurement and Adjustment of Air Quality in Closed Areas
784	Gürkan Bilgin, Mustafa Arı	Camera Security System That Detects Moving Objects Around 360 Degrees and Can Record Digital Images
848	Özgür YILMAZ, Murat AKSOY, Zehan Kesilmiş	Misalignment Fault Examination by Vibration Frequency Spectrum Analysis in Asynchronous Motors
854	Gokcen Ozdemir, Murat Emre Erkoc, Nurhan Karaboga	Analysis of the Effect of the Stop Band and Transition Band Frequency Values on the Performance of the Filter Bank Design
988	Kemal BALIKCI	NANONETWORKS
971	Halil Erol	OFDM Sistemlerinde Kanal Kestirimi Yöntemlerinin Performans İncelenmesi

17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (EN)**Moderator: Assist. Prof. Dr. Tolgay KARA**

314	Muhammet Şahin, Gülden Günay Bulut, Hasan Güler	An Implementation of Chaotic Circuits with Multisim
529	Cem Baytore, Merih Palandoken, Adnan Kaya	Flexible PDMS Substrate with Rectangular Patch Antenna Design
719	Arzu Türksoy, Yakup Hameş, Ahmet Teke	Design of 100 kW Grid-Tie Photovoltaic System: A Simulation Study
726	Fahriye GEMCİ FURAT, Turgay İBRİKÇİ	Classification of Down Syndrome of Mice Protein Dataset on MongoDB using Bayesian Network
896	Şule ÇOLAK, Duygu Nazan GENÇOĞLAN	Improvement and Optimization of Thin Dipole for UWB Applications
738	Tolgay Kara, Ali Hussien Mary	Feedback-based IKP Solution with SMC for Robotic Manipulators: the SCARA Example

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (EN)**Moderator: Assist. Prof. Dr. Halil EROL**

800	Şule ÇOLAK, Duygu Nazan GENÇOĞLAN	UWB BEVELED EDGE ROUNDED BOWTIE ANTENNA
844	Murat Emre Erkoc, Gokcen Ozdemir, Nurhan Karaboga	Comparison of Reconstruction Algorithms for Sparse Signal Reconstruction from Noisy Measurement
874	Uçman Ergün, Uğur Fidan	Development of GPS Sensor for Lego Mindstorms NXT Using Arduino
729	Fahriye GEMCİ FURAT, Turgay İBRİKÇİ	Application of Feed Forward Backpropagation and Cascade Forward Backpropagation Neural Network Algorithms to Detect Pulsar Stars
931	Filiz Karaömerlioğlu	Modelling of left-handed photonic crystal with liquid crystal infilling
969	Halil Erol	1 Power optimization in partially shaded photovoltaic systems
313	Muhammet Şahin, Barış Karakaya, Hasan Güler, Arif Gülten	Memristor Based Chaotic Circuits Modelling With LabVIEW

ROOM 8**17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (TR)****Moderator: Prof. Dr. Hasan Hüseyin ÖZTÜRK**

79	Arif Semerci, Tuğçe Kızıltuğ	Research and Development Expenses in Turkey: A General Assesment of Agricultural Sector
80	Murat BARAN	Effects of Clinoptilolite on the Digestibility of Nutrients and Relative Organ Weights in Rat Diets
120	Tuğçe Kızıltuğ, Arif Semerci	The Emerging Developments of Agricultural Input Production in Turkey
143	Mehmet Duman, Vedat Karaca, Çetin Mutlu	The Biology of Ground Beetles [Zabrus tenebrioides (Coleoptera: Carabidae)] in Cereal Fields of Diyarbakır Province
310	Cengiz Karaca, Hasan Öztürk	Biogas Production Potential from Animal Manure in Osmaniye Province
3	Hasan Öztürk, Ümran Atay	Recent Developments in Greenhouse Heating with Geothermal Energy in the World and Turkey

17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR)**Moderator: Assist. Prof. Dr. Meryem KUZUCU**

551	Bekir Demirtaş, Aybüke Kaya	Evaluation of Public Agricultural Extension Programs: The Case of Hatay Province
557	Aydan Atalar, Nurcan Cetinkaya	Estimation the In-vitro True Digestibility of White Rod Fungus Treated Maize Stover by ANCOM Daisy Incubation Technique
589	Özlem VAROL AVCILAR	White Striping in Broiler Breast Meat / Broiler Göğüs Etinde Beyaz Çizgi
700	Meryem KUZUCU	Effect of Global Warming and Climate Change in Dry Agriculture Importance of Responsible Water Consumption
711	Özkan GÜĞERÇİN	The Comparison of The Energy Requirements of Adobe-Masonry and Concrete-Skeleton Structures in Adana
728	Aybüke Kaya, Dilek Bostan Budak	Potential of Biofuel Plants in Agriculture and Foreign Trade

17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR)**Moderator: Prof. Dr. Hasan Hüseyin ÖZTÜRK**

175	Sait AYKANAT, Hatun BARUT	II. Ürün Silajlık Mısır Ekiminde Farklı Çizi Açıcı Ayak Kullanımının Çıkış Parametreleri ve Sıra Üzeri Bitki Dağılımı Üzerine Etkileri
309	Cengiz Karaca, Hasan Öztürk	The Biomass Energy Potential of Osmaniye Province from Agricultural Residues
941	Selda TELLİ	Pseudococcid (Hemiptera) species seen in fruit trees in Turkey and their natural enemies
356	Leyla İDİKUT, Mustafa ÖNEM, Gülay ZULKADIR, Tahsin BEYÇİOĞLU, Mustafa ÇÖLKESEN	Organik Tarımın Aşamalı Olarak Mısır Yetiştiriciliğinde Uygulanması
507	Jale METİN KIYICI	Dairy Milking Technology Projection in Turkey
4	Hasan Öztürk, Ümran Atay	An Assessment of Electricity Consumption for Agricultural Irrigation in Turkey

17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR)**Moderator: Assist. Prof. Dr. Gülsüm SAYILIKAN MANSUROĞLU**

763	Meryem KUZUCU	Plant Water Consumption Monitoring with Negarim Microcatchment Water Harvesting in Non-Irrigation Pistachio Orchard
764	FIRAT ARSLAN	Rating of Some Irrigation Projects Operated by DSI in Turkey
843	Melisa Kara	HATAY İLİNİN ANTAKYA İLÇESİNDE PAZARLANAN İSPANAKLARDAKİ NİTRAT VE NİTRİT BİRİKİMİNİN TESPİTİ VE KONUNUN SAĞLIK AÇISINDAN İRDELENMESİ
876	Selda TELLİ	Population dynamics of Pseudococcus cryptus Hempel (Hemiptera: Pseudococcidae) in citrus fruits of Samandag (Hatay)
878	Betül Çelik, Vesile Yıldırım	'Şahnahan Stream' (Malatya) Epiphytic Algae Flora
937	Gülsüm SAYILIKAN MANSUROĞLU	Yield, Nitrate and Nitrite Accumulations of Rocket Plants on Different Nitrogenous Fertilizer Doses, Forms and Storage Condition in Fridge

17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (EN)**Moderator: Assist. Prof. Dr. Mehmet DUMAN**

144	Mehmet Duman, Vedat Karaca, Çetin Mutlu	Determination of Species and Density of Ground beetle [Zabrus spp. (Coleoptera: Carabidae)] in Wheat Fields in the Southeast Anatolia Region, Turkey
150	Vedat Karaca, Mehmet Duman, Çetin Mutlu	A Research on Some Harmful Pests of Karacadağ Paddy in Southeast Anatolia Region, Turkey
382	Aydın ALTOP, Emrah GÜNGÖR, Güray ERENER	Aspergillus niger may Improve Nutritional Quality of Grape Seed and Its Usability in Animal Nutrition through Solid State Fermentation
384	Aydın ALTOP, Emrah GÜNGÖR, Güray ERENER	Effect of Aspergillus niger ATCC 52172 on Main Nutritional Components, Minerals, Condensed Tannin and Fenolic Compounds of Olive Leaves in Solid State Fermentation
470	Selçuk Özmen	Water Status of Plant and Soil for Hazelnut Trees Under Organic and Conventional Farming Conditions
487	Adnan Değirmencioğlu	Design and Development of a Vacuum Disk for Planting Different Crop Seeds

17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (EN)**Moderator: Prof. Dr. Nurcan ÇETİNKAYA**

488	Adnan Değirmencioğlu	Effects of Seed Tube Geometry on Seed Trajectories Based on Simulations and Measurements
490	Adnan Değirmencioğlu, Rabi H. Mohtar, Gülden Özgünaltay Ertuğrul, Bassel T. Daher	Application of Water, Energy and Food (WEF) Nexus Approach to the Gediz Basin
537	Nurcan Cetinkaya, Aydan Atalar	Determination of Organic Matter Digestibility and Metabolic Energy of Biologically Treated Maize Stover by Using of In Vitro Gas Production Technique
538	Nurcan Cetinkaya, Funda Erdem, Habip Muruz	The Determination of Ruminant Digestibility, Metabolic Energy and Mineral Content of the Peanut By-Products
668	Servet Tekin, Engin Gönen, Semih Metin Sezen, Sermet Ayman, Hale Gümüşsoy, Uğur İmert, Naciye Gönültaş	Effect of Locust Extract on Type of in-Line Dripping Clogging

861	Muharrem Keskin	Use of Color Measurement Systems in Food Science and Agriculture
ROOM 9		
17 NOVEMBER 2017 FRIDAY TIME 08:30-09:30 (EN) Moderator: Assist. Prof. Dr. Selim Serhan YILDIZ		
43	Gizem GÜNAYDIN, Erhan KENAN ÇEVEN	Effect of Washing on Flammability and Thermal Properties of Fabrics from Conventional and Fire Resistant Type Polyester Yarns
343	Aslıhan KORUYUCU	INTELLIGENT TEXTILE PRODUCTION BY IONOCROMIC MATERIALS
571	Hakan OGUZ, Merve Erbek	Retrieving Land Surface Temperature Using Landsat 8 Imagery: A Case Study of Osmaniye - Turkey
575	Arda Özen, Alkan Günlü	Determining the Change of Turkey's Biggest Three Freshwater Lakes Surface Area by Geographic Information Systems and Remote Sensing Tools
417	Ahmet OZCIMEN, Ersin ÖZTÜRK	Apoptotic Effect of Arum dioscoridis with Tozasertib in CFPAC-1 Pancreas Carcinoma Cell Line
419	Hikmet Çelik, Ahmet OZCIMEN, Ersin ÖZTÜRK	The Effect of Tozasertib on the Chromosomal Passenger Complex Gene Expressions in the CFPAC-1 Pancreas Carcinoma Cell Line
17 NOVEMBER 2017 FRIDAY TIME 09:45-10:45 (TR) Moderator: Assoc. Prof. Dr. Güler YALÇIN		
243	Serkan DOGANALP	Interpolation of GPS Orbit Coordinates Using Radial Basis Functions
88	Fazıl NACAR, Nuri ERDEM	The Effect of Municipality-TOKİ Model and Urbanization in the Solution of Housing Problem
125	EFDAL KAYA	Spatial Data Production with Unmanned Aerial Vehicles
637	Pınar Karakus, Guler Yalcin	Investigation of the Application Areas of Unmanned Aerial Vehicles for Osmaniye Province
736	Abdullah KARAAĞAÇ, Talha Taşkanat, Bülent Bostancı	Determination of Optimum Route with Time Weighted Dijkstra Algorithm
17 NOVEMBER 2017 FRIDAY TIME 11:00-12:00 (TR) Moderator: Assist. Prof. Dr. Fazıl NACAR		
612	Serkan DOGANALP	Satellite Orbits Determination Using TLE Data
89	Fazıl NACAR, Nuri ERDEM	Urbanization Effects of High Voltage and Oil Pipelines Through City Centers
126	EFDAL KAYA	Spatial Data Analysis with R Programming
640	Pınar Karakus, Guler Yalcin, Celal Bıçakçı	3D Modelling of Karatepe Historical Artifacts with Photogrammetry
92	Nuri ERDEM, Hüseyin İNCE	A Method Suggestion for Parabolic Virtual Library Schedule with Dimensions in Road Projects
734	Talha Taşkanat, Ahmet Emin Karkınlı, Erkan Beşdok	Volunteered Geographic Information and Social Media
17 NOVEMBER 2017 FRIDAY TIME 14:00-15:15 (TR) Moderator: Assist. Prof. Dr. Nuri ERDEM		
635	Serkan DOGANALP	Accuracy Assessment Study of APPS and CSRS-PPP Web-Based Precise Point Positioning Services
114	Nuri ERDEM, Bülent BOSTANCI	Problems Living in Real Estate Valuation Issue and Risk Analysis in Real Estate Development Projects
361	Bülent KAYA, Fatma CAF, Furkan DURUCAN, Seher ÇETİN, Tuba ELHAZAR	Sargassum vulgare Alg Örneğinin Farklı Polaritedeki Antikanser Özelliğinin Belirlenmesi
363	Bülent KAYA, Fatma CAF, Furkan DURUCAN, Seher ÇETİN, Tuba ELHAZAR	Padina pavonica Alg Örneğinin Farklı Polaritedeki Antikanser Özelliğinin Belirlenmesi
415	Ersin ÖZTÜRK, Ahmet OZCIMEN, Hikmet Çelik	Anti-Metastatic Effect of Arum dioscoridis with Tozasertib in CFPAC-1 Pancreas Carcinoma Cell Line
416	Ersin ÖZTÜRK, Ahmet OZCIMEN, Hikmet Çelik	The Synergistic Effect of Arum dioscoridis Extracts And Tozasertib on the Chromosomal Passenger Complex Gene Expressions in the CFPAC-1 Pancreas Carcinoma Cell Line
17 NOVEMBER 2017 FRIDAY TIME 15:30-16:45 (TR) Moderator: Assoc. Prof. Dr. Zübeyde KUMBIÇAK		
856	Zübeyde Kumbıçak	Insights into the Cytogenetic Characteristics of Titanoea schineri (Araneae: Titanoeidae) From Turkey
875	Ümit Kumbıçak	Karyotype Analysis of Gnaphosa lugubris (Araneae:Gnaphosidae) by a Standard Giemsa Staining Method
881	Tuğçe Kaymaz	A Cytogenetical Report on Drassodes lacertosus (Gnaphosidae) From Nevşehir
595	Özgün TARANCI, Yasemin KAÇAR, Ahmet OZCIMEN	ORAK HÜCRE HASTALARINDA HbF DÜZEYİNİ ETKİLEYEN HMIP-2 LOKUSU rs9399137, rs9402685 ve rs11759553 POLİMORFİZMLERİNİN ARAŞTIRILMASI
695	Selim AYABAKTI, Ayşe YAVUZ KOCAMAN	Micronucleus Assay Assessment of Possible Genotoxic Effects of Venlafaxine in Human Lymphocytes in vitro

782	Ayşenur KILIÇ AK	Yoğunluğun Lif Levhanın Bazı Mekanik Özellikleri Üzerine Etkisinin Araştırılması
17 NOVEMBER 2017 FRIDAY TIME 17:00-18:15 (EN) Moderator: Prof. Dr. Ruhi KAPLAN		
165	Ruhi KAPLAN, Bengü KAPLAN	Dual-Beam Photoconductivity in Hot-Pressured a-As ₂ Se ₃
251	Seyfettin Ayhan, Gülten Kavak Balcı	Ab-initio calculations of Structural, Electronic and Optical properties of X ₂ ZnN ₂ (X:Ca,Ba,Sr)
324	Hakan OZTURK, Ökkeş EGE	TN method for the diffusion length of one-speed neutrons in a slab with forward and backward scattering
614	Özge ERDEM	The Superconducting Properties of Coronene Added Bulk MgB ₂ Superconductors
744	Mahmut AYDINOL	Following Electron Impact Excitation of Single(Sn, Sb, Te, I, Xe, Cs, Ba, La) Atom Nonrelativistic M Subshell Ionization Cross Sections by Using Lotz's Equations
989	Ali YEŞİL, Osman Özcan	The effects of ionospheric E-layer dynamo current on the daily geomagnetic field variations
188	Ruhi KAPLAN, Bengü KAPLAN	Photoconductivity Studies of Silicon P-I-N Photodiode
18 NOVEMBER 2017 SATURDAY		
ROOM 1		
18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR) Moderator: Assoc. Prof. Dr. Önder KAŞKA		
33	Recep Halicioğlu, Umut AKSU	Energy Harvesting Systems for Vehicles: Suspension and Braking
106	Gökhan BAŞAR	The Effect of Colemanite and Borax Reinforced to the Friction Performance of Automotive Brake Linings
662	Muhammed Arif Şen, Veli Bakircioğlu, Mete Kalyoncu	Design and Simulation Impedance Controller for Trajectory Control with Obstacle of Quadraped Robot's Leg
86	Özkan Köse, Yıldız Koç, Hüseyin Yağlı, İsmail Üstün, Furkan Kasap, Nurhan Adil Öztürk, Ali Koç	Grafen Kullanılmış Betonun Isıl İletkenliğinin Deneysel Olarak İncelenmesi
370	Hasan Bilgiç, Çağlar Conker, Hakan Yavuz	Top Çubuk Mekanizması için PD Kontrolcü Kullanarak Anfis Tabanlı Bulanık Kontrolcü Tasarımı
873	Hazal Saadet Coşkun, Mehmet Ali Güvenç, Selçuk Mıstıkoğlu, Seyit Erkan Aydın	EAO Baca Tozundan Çinko Kazanımı ve Kullanım Alanları
682	Bilal Kurşuncu, Ali Yaraş	Utilization of Borax Added Ethylene Glycol Cutting Fluid in Milling with TiAlN Coated Carbide Machine Tool Of AISI O2 by Minimum Quantity Lubrication (MQL)
18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (TR) Moderator: Assist. Prof. Dr. Atila Abir IGCI		
690	Yılmaz Küçük, Mustafa Gök, Vahdettin KOÇ	Investigation of Dry Sliding Wear Behavior of Polymer Composites Reinforced with Industrial Wastes
691	Sakine Kıratlı, Fatih Darıcık, Züleyha Aslan	FARKLI ORTAM SICAKLIKLARININ E-CAM LİFİ/EPOKSİ TABAKALI KOMPOZİT MALZEMELERİN ESNEKLİK DAVRANIŞINA ETKİSİ
787	Atila Abir IGCI, Mehmet DOĞAN	Enhancement of Heat Transfer in Channels and Visualization of Flow with PIV
801	Erdoğan KANCA, Ömer UĞURLU, Mehmet DEMİR, Ali GÜNEN, Mustafa Serdar KARAKAŞ, Ersan KIRAR	Estimation Of The Effect Of Wire Erosion Cutting Parameters On Surface Roughness In Co Based Shape Memory Alloys
425	Vehbi BALAK	Presentation of Course Materials in Mechanical Engineering Education through Active Stereoscopic Display, Case Study: Virtual Assembly of a Wind Turbine
803	Galip KALTAKKIRAN, Alirıza Kaleli, Erdoğan Güner, Kadir Bakırcı	İçten Yanmalı Motorlarda Klasik ve Akıllı Soğutma Sistemlerinin Motor Isınma Süresi Açısından Kıyaslanması ve Motor Blok ve Radyatör için Ekserji Analizi
833	Ali Öz, Selami Sağıroğlu, Ali Kemal Yakut	Experimental Investigation of Braking Performance on Cr ₂ O ₃ Coated Brake Disc by Plasma Spray Technique
18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR) Moderator: Assist. Prof. Dr. S. Seçkin EROL		
534	Vehbi BALAK	Augmented Reality Technology Aided Workbook for Technical Drawing Course
661	Salih Seçkin Erol	Condition Monitoring Through Unbalance and Misalignment Failures in Synchronous Mode
348	Mehmet ÇAKIR, Didem KINAY	Effect of Nanosilica Particles on Shear Strength of Al-GFRP Bonding Joints
407	BURHAN BAYHAN, GÖKHAN ARSLAN	Estimation of Incident Solar Radiation Intensity at Design Days of Mersin by Using Artificial Neural Network
681	Bilal Kurşuncu, Ali Yaraş	Effect of Cutting Fluid Containing Boric acid On Milling with TiAlN coated Carbide Cutting Tool Of AISI O2 Via Minimum Quantity Lubrication (MQL) method
179	Mehmet LEVENT	Control of Separately Excited DC Motor By Using DC Chopper

ROOM 2**18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (EN)****Moderator: Assist. Prof. Dr. Ceyhun YILMAZ**

294	Mehmet Yahşi	FEA Calculations and Test Correlation of a Frame Type Roll-Over Protective Structure
660	Salih Erol	Condition Monitoring of Triple Simultaneous Failure Mode by Triple Sensing Technique
954	Onder Kaska, Recep Yumrutas, Abdulkadir Ayanoglu, Ceyhun Yilmaz	AN EXERGY ANALYSIS OF SOLAR ASSISTED HEAT PUMP SYSTEM
35	Ceyhun Yilmaz	Optimum Energy and Cost Evaluation of an Advanced Hydrogen Production and Liquefaction System by Using Geothermal Power
28	Ceyhun Yilmaz, Onder Kaska	Thermoeconomic Analysis and Optimization of Performance of a Hydrogen Liquefaction System Assisted by Geothermal Absorption Precooling Refrigeration Cycle

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (TR)**Moderator: Assoc. Prof. Dr. Önder KAŞKA**

428	Vehbi BALAK	Use of Virtual Reality Technology as a Motivation Tool in Technical Drawing Course for First -Year Students of Engineering Faculty
349	Mehmet Çakır, Didem Kınay	Effect of Nano-silica Particles on Impact Behavior of Al-GFRP Bonding Joint
87	İsmail Üstün, Yıldız Koç, Hüseyin Yağlı, Özkan Köse, Mustafa Tunahan Başar, Cuma Karakuş, Oğuzhan Akgöl, Ali Koç	Nar Çekirdeğinin Isı İletim Katsayısının Tespiti ve Elektromanyetik Yönden Analizi
915	Mustafa ARAS, Mehtap TÜRKMEN, Ersin KAYAHAN, Levent CANDAN, Özcan GÜNDOĞDU	The Determination Of Laser Drilling Parameters Of High Density Polymer Materials (PE 1000)
365	Hasan Bilgiç, Yıldız Koç, Hüseyin Yağlı, Ali Koç	Sıfır Enerjili ve Pasif Evlerin Havalandırma Sistemi ve Tasarımı
866	Hakan Kapusuz, Mehmet Ali Güvenç, Selçuk Mıstıkoğlu	Ladle Slag Detection Technologies in Continuous Casting Process

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR)**Moderator: Assoc. Prof. Dr. CoşkunÖZALP**

186	Mehmet Hilal Özcanhan, Semih UTKU	Detection and Discovery of Patient Falls Using Complementary Sensor Constructs
743	Neşe Özkan, Neşe Özkan	The Effect of Audio and Visual Warnings on the EEG Band Used in the EMDR Method
761	Aytaç Onur, Furkan Soysaldı, Mehmet Inanc ONUR	Importance of Biomedical Equipment Inventory Management in Public Hospitals and the Contribution of the Algorithm Approach to the Process
847	Hakan YILMAZ, M. Kamil TURAN	3D Printer Assisted Automatic Motorized Microscope Stage Design
880	Uçman Ergün, Uğur Fidan	Viewing Multiple Physiological Signs Using e-Health Shield and Arduino
922	Mustafa ARAS, Ersin KAYAHAN, Levent CANDAN, Özcan GÜNDOĞDU	The Determination Of The Welding Process Parameters By Laser On Ti6Al4V Alloy
408	Burhan BAYHAN	One-Dimensional Energy Balance Model of a Parabolic Trough Solar Receiver Implemented in Matlab

ROOM 3**18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR)****Moderator: Assist. Prof. Dr. Sertaç ARI**

617	Ali GÜNEN, Ahmet ÇÜRÜK, Erdoğan KANCA, Mehmet DEMİR, Mustafa Serdar KARAKAŞ, Mustafa Sabri GÖK, Ersan KIRAR	Investigation of the Corrosion Behavior of Surface-Modified STKM-13A Steel in Hydrofluoric Acid Solution
608	Sait ARAS	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF COMPRESSION PRESSURE ON THE MECHANICAL PROPERTIES OF THE BRAKE PADS
435	Mustafa Hamurcu, Tamer Eren	Prioritization of High-Speed Rail Projects
955	Murat Taştan	THE IMPACT OF PERFORMANCE AND EMISSIONS OF HYDROGEN-ENRICHED METANOL-GASOLINE MIXTURES IN INTERNAL COMBUSTION ENGINES
85	Gökhan BAŞAR	Estimation of the optimum proceses parameters for Transverse Rupture Strength of Fly Ash Reinforced Bronze Based Brake Lining Materials using Taguchi Method
696	Seda HEZER, Yakup KARA	Disassembly Line Balancing Problem under the Third-Type Demand
824	Umut ARISÜT	Determination of Dining Room Furniture Buying Criteria with AHP

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (TR)**Moderator: Assist. Prof. Dr. Burcu ÖZCAN**

479	Burcu Ozcan, Pinar Yıldız Kumru, Alpaslan Fiğlalı	Forecasting operation times by using Artificial Intelligence
286	Ahmet Bahadır Simsek	Creating Initial Solution For Metaheuristic Algorithms With GUROBI
375	Dursun Balkan	RAMSAY Productivity Modeling System and An Application in Textile Enterprises
377	Ömer Akgöbek, Serkan Kaya, Tamer Eren	Genetic Algorithm Approach Using Genotype Indirect Coding to Minimize Completion Time in Job Shop Scheduling Problems
2	İbrahim Karataş, Recep Halicioğlu, Yusuf Fedai	A Review Study on Control Systems of Hybrid Electric Vehicles
698	Seda HEZER, Yakup KARA	Disassembly Line Balancing Problem with Zoning Constraints
433	Mustafa Hamurcu, Tamer Eren	Prioritization of Investment Areas with Fuzzy AHP

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR)

Moderator: Assist. Prof. Dr. Sertaç ARI

502	Burcu Ozcan, Alpaslan Fiğlalı, Mesut Yavuz	A Data Mining Based Solution Method For Flow Shop Scheduling Problems
434	Mustafa Hamurcu, Tamer Eren	Transportation Planning with Analytic Hierarchy Process and Goal Programming
445	Serkan Kaya, Ömer Akgöbek, Tamer Eren	Multi-Purpose Optimization of Sequence Dependent Setup Time Single Machine Scheduling Problems Using Hybrid Genetic Algorithm
707	Seda HEZER, Yakup KARA	Disassembly Line Balancing Problem with Ergonomics Restrictions
421	Volkan Sönmez, Murat Caner Testik	A Database Design for a Process Mapping Tool: RASCI
823	Umut ARISÜT	Consumer Determination Of Bedroom Furniture Buying Criteria By AHP

ROOM 4

18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR)

Moderator: Assist. Prof. Dr. Merve ERKINAY ÖZDEMİR

463	Habibe Karayiğit	Sentiment Analysis and Opinion Mining Relationship: Turkish Sample Applications
495	Resul Kara	Interactive Coding Training for Primary School Students
506	Ismail Kirbas	Blockchain Technology and Its Application Areas in Near Future
523	İpek Abasıkeleş Turgut, Merve Erkinay Özdemir	Prediction of the Performance of Cluster-based Wireless Sensor Networks Using Artificial Neural Networks
918	Merve Erkinay Özdemir	Sulphur Content Prediction Model in Hot Metal Desulphurization Process Using Artificial Neural Networks
685	Harun Akbulut, Veysel Aslantas, Hasan ulutaş	Visible Image Watermarking Based on Image Fusion with Shearlet Transform Using Differential Evolution Algorithm

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (TR)

Moderator: Assist. Prof. Dr. Seda ERMİŞ

749	Ahmet ÖZKİŞ	Effect of population size on performance of the MOVS Algorithm
760	Yılmaz ATAY, Halife Kodaz	Identification of Meaningful Subnets from Clinical Cancer Datasets by the Proposed Dynamic Programming Method
297	Bülent Altuntaş, Recep Benzer	Ekran Desen Kilidi ve Pin Kodu Güvenliği Üzerine Bir Çalışma
653	Yasin KAYA	Classification of Premature Ventricular Contraction Using Basic Temporal Features
684	Harun Akbulut, Veysel Aslantas, Hasan Ulutaş	Multi-Focus Image Fusion Based on Discrete Wavelet Transform Using Particle Swarm Optimization Algorithm
761	Mustafa Servet Kiran, Yılmaz ATAY, Halife Kodaz	Tree-Seed Algorithm for Identifying Communities in Various Real-World Networks
541	Ismail Kirbas, Ayhan Dükkancı	Automatic Temperature Controlled Rabbit Nest Box Design: Internet of Things Application

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR)

Moderator: Assist. Prof. Dr. Mehmet SÖNMEZ

945	Ahmet ÖZKİŞ	A literature review of Solving Land Use Planning Problem with Multiobjective Optimization Algorithms
687	Vahdettin KOÇ, Mustafa GÖK, Yılmaz KÜÇÜK, Hüseyin TÜRKYÜCEL	Dry Sliding Wear Behavior of Epoxy Composite Reinforced with Steelmaking Slag
768	Yasin KAYA	İkili Guguk Kuşu Arama Algoritması ile İkili Örüntülerin Bulunması
686	Harun Akbulut, Veysel Aslantas, Hasan Ulutaş	Multi Focus Image Fusion Based On Shearlet Transform Using Genetic Algorithm
779	Uğur Fidan, Naim Karasekreter, Fatih Başçıftçi	Application of Chlorine Monitoring System based on Internet of Things (IoT)

182	Mehmet Üney	Optimal Reactive Power Dispatch-A Review
ROOM 5		
18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR/EN) Moderator: Assist. Prof. Dr. Emrah MERAL		
868	Şemsi YAZICI	Geri dönüşüm agregası içeren betonların özellikleri
385	Abdulkadir Budak, Mehmet Emin Öcal	Shortcomings and Errors Encountered in Consultancy Services in Terms of Owners, Contractors and Consultants
73	Emrah MERAL	Evaluation of Seismic Demands of RC Buildings by Non-Linear Time History Analysis
994	Gürkan YILDIRIM, Mustafa ŞAHMARAN	Influence of Microcracking on the Direct Electrical Impedance Measurements of Engineered Cementitious Composites
373	Tugrul TALASLIOĞLU	Size Minimization of Planar Frames with Semi-rigid Connections
872	Şemsi YAZICI	A Review for Usage of Recycled Concrete Aggregate in Concrete
18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (TR/EN) Moderator: Assoc. Prof. Dr. Tuğrul TALASLIOĞLU		
163	Musa Tokmak	Deterioration Problems Observed in the Building Stones of Augustus Temple, Julian Column, Roman Baths and Gavurkalesi in Ankara
993	Gürkan YILDIRIM, Mustafa ŞAHMARAN	Self-Healing Assessment of Cementitious Composites: Scenario for Rapid Chloride Permeability Test
974	İslam GÖKALP, Volkan Emre UZ, Mehtap TEPE	A Study on Fragmentation and Abrasion Resistance of Aggregates in Different Origins
157	Ahmet Hilmi Deringöl	Seismic Performance of Steel Moment Frames with Variable Friction Pendulum Systems under Real Ground Motions
799	Abid USTAĞLU	Thermodynamic Evaluation of Vapor-Compression Refrigeration Cycle Using Advanced Exergy Analysis Method
798	Abid USTAĞLU	Evaluation of Improvement Potential of Vapor-Compression Refrigeration Cycle Using Advanced Exergy Analysis Method
18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (EN) Moderator: Assoc. Prof. Dr. Tuğrul TALASLIOĞLU		
103	Alireza REZAEI, Altrmadi Ali Lawan	Comparison of Multi-Story Structure Design Using American and Turkish Codes
156	Ahmet Hilmi Deringöl	Seismic Demands of Steel Moment Frames with Lead Rubber Bearings
374	Tugrul TALASLIOĞLU	Optimal Design of Dome Structures
102	Alireza REZAEI, Saeed Jalal	Investigating the Causes of Delay and Cost-Overrun in Construction Industry
447	Şeref Akbaş	Static Analysis of a Laminated Plate with Porosity
293	Baraa AL-Eliwi, Talha Ekmekyapar, Ektefaa Salih Khudhur	Assessment of Design Specification Predictions for the Composite Columns
ROOM 6		
18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR) Moderator: Assoc. Prof. Dr. Feridun DEMİR		
135	Ali Yaraş, Hasan Arslanoğlu	Kağıt Fabrikası Çamur Atığı Kullanılarak Sulu Çözeltilerden Kromat Giderilmesi Üzerine Bir Araştırma
533	Memduha ERGÜT, Ayla Özer	The Synthesis of Iron-Alginate Gel Beads as a Fenton-like Catalyst for the Decolourisation of Procion Red MX-5B
75	İsmail Kutlugün AKBAY, Ahmet GÜNGÖR, Tonguç ÖZDEMİR	Thermal Neutron Attenuation of Ethylene Propylene Dien Termonomer/Boric Acid Composite Material
76	Ahmet GÜNGÖR, İsmail Kutlugün AKBAY, Tonguç ÖZDEMİR	Ethylene Propylene Dien Termonomer/Boron Trioxide Composite for Thermal Neutron Absorption
109	İsmail Kutlugün AKBAY, Ahmet GÜNGÖR, Tonguç ÖZDEMİR	Optimization of Lead Oxide Nanoparticles using Response Surface Methodology
500	Ahmet GÜNGÖR, İsmail Kutlugün AKBAY	Raf Ömrü Geçmiş Sütün Bio-Temelli Dolgu Malzemesi Olarak EPDM içerisinde Kullanımının Araştırılması
18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (EN) Moderator: Prof. Dr. İrfan AR		
30	Gülşen Kurt Demir, Hanzade Haykiri Acma, Serdar Yaman	EFFECT OF FUNCTIONAL GROUP DISTRIBUTION ON COMBUSTION CHARACTERISTICS OF CHARS FROM AFSIN ELBISTAN LIGNITE AND RDF
31	Ayşen Çalışkan, Hanzade Haykiri Acma, Serdar Yaman	Thermal Analysis and Kinetic Study of Different Lignites in Turkey

32	Ayşen Çalışkan, Hanzade Haykiri Acma, Sadriye Kucukbayrak, Serdar Yaman	Thermal Analysis and Kinetic Study of Pretreated Lignites in Turkey
39	Övül Halil Çöp, Hanzade Haykiri Acma, Serdar Yaman	EFFECT OF PARTICLE SIZE OF CORN WASTE ON COMBUSTION CHARACTERISTICS
50	Metin GÜRÜ, İrfan Ar, Özge USTA	INVESTIGATION of PERFORMANCE of a NOVEL SYNTHETIC CATALYST in DEHYDROGENATION of SODIUM BOROHYDRIDE
51	İrfan Ar, Özge USTA, Metin GÜRÜ	SYNTHESIS and CHARACTERIZATION of SODIUM BOROHYDRIDE from SODIUM AMIDE by MECHANOCHEMICAL REACTION

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (EN/TR)

Moderator: Assoc. Prof. Dr. Feridun DEMİR

136	Ali Yaraş, Hasan Arslanoğlu	Extraction of Copper From Chalcopyrite Concentrated in Presence of Hydrogen Peroxide and Formic Acid
218	Ahmet GÜNGÖR, İsmail Kutlugün AKBAY, Tonguç ÖZDEMİR	Accumulation of Recycled Waste Tyre within Different Rubbers: A Kinetic Study
228	Sayime GÜRZ, Ulviyye MEMMEDOVA, Osman Cem ALTINCI, and Feridun DEMİR	Water Pollution Map of Osmaniye Province
510	Deniz UZUNOĞLU, Ayla Özer	CaCO ₃ Nanoparticles Biosynthesis and Characterization from The Leach Solution and The Aqueous Extract of Myrtus communis Plant
518	NAZAN YILMAZ	The Use Of Phospholipids Coated Mesoporous Nanoparticles As The Drug Carrier
501	İsmail Kutlugün AKBAY, Ahmet GÜNGÖR	Atık Muz Kabuklarının Bio-Temelli Dolgu Malzemesi Olarak EPDM içerisinde Kullanımının Araştırılması

ROOM 7

18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (EN)

Moderator: Assist. Prof. Dr. Zehan KESİLMİŞ

867	Ayşegül Keten, Ahmet DUMAN, Kemal AYDIN	Sensitivity of Hurwitz Stability of Linear Differential Equation Systems with Periodic Coefficients
932	İsmail Yarıçı, Hüseyin Kaan Cakadur, Yavuz Ozturk	A Study on Ferrofluid Cored Adjustable Inductor
583	Haydar Ankishan	New Wristwatch Based Medical Device for Sleep Research/Studies: Patient Arm Monitor (PAM)
972	Halil Erol	Comparison of Fractional and Integer Order PID Controllers in DC Motor Speed Control
970	Halil Erol	The effect of fan cooling on Photovoltaic Efficiency of PV panels in Osmaniye Environment
268	Emine Avşar Aydın	Evaluation of Breast Tumor with Antipodal Vivaldi Antenna

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (EN)

Moderator: Prof. Dr. Valentim M B NUNES

112	Ali Goksu	Adsorption of crystal violet by Almond Shells and Comparison of its adsorption capacity with other adsorbents
113	Ali Goksu	Adsorption of crystal violet by Almond Shells and Comparison of adsorption capacity of Almond Shells on other dyes
244	Osman Cem ALTINCI, Bahadır Kürşad KÖRBAHTI	Influence of Reaction Temperature on Electrochemical Synthesis of Catechol Polymer
605	Sina Ghaffarzadeh	Modifying and synthesis of Aspartic Polyurea and research in mechanical properties of Aspartic polyurea and semiulation
638	Valentim M B NUNES	Twenty Years of Research on Thermophysical Properties of High Temperature Fluids

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR)

Moderator: Assist. Prof. Dr. Yavuz ÜSER

181	Mehmet Üney	Optimal Reactive Power Dispatch Problem Using Tree Seed Optimization Algorithm
178	Mehmet LEVENT	Speed Control of DC Motor By Using Fuzzy PI Method
453	Sami Şit, Erdal Kılıç, Hasan Rıza Özçalık, Mustafa Şekkeli, Osman Doğmuş	Performance Analysis of ANFIS, FLC and PI Controller for Asynchronous Motor Drive
891	Ahmet Duman, Ayşegül Keten, Kemal Aydın	Physical Applications of Sensitivity of Hurwitz Stability of Linear Differential Equation Systems with Constant Coefficients
185	Yavuz User	TRANSIT PASS APPLICATION FOR SIGNALIZED TRAFFIC ROUNDABOUTS AND EVALUATION BY USING AIMSUN SIMULATION PROGRAM
898	Erdal Kılıç, Osman Doğmuş, Ahmet Gani, Sami Şit, Hasan Rıza Özçalık	Simulation and Experimental Study of Vector Controlled Induction Motor Drive based on RBFNN-MRAC Controller
226	Ali ÇINGI	The Metamaterials Based Sensor Design and Simulation According to Dielectric Values of Corn Flour Dependent on The Temperature

ROOM 8**18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (EN/TR)****Moderator: Assist. Prof. Dr. Menderes ÇENET**

864	Muharrem Keskin	Container Level Measurement Methods and Testing an Ultrasonic Level Sensor
527	Yasemin Çelebi Sezer, Gokhan SEZER	DEVELOPMENT OF ANTIMICROBIAL PACKAGING TECHNIQUES IN MEAT AND MEAT PRODUCTS
607	Menderes Çenet	Osmaniye Yöresi Ballarının Palinolojik ve Fizikokimyasal Analizleri
565	Kurban Yaşar	Tahin İlaveli Sütün Üretiminde Şeker Kullanım Oranının Optimizasyonu
616	Habip MURUZ	The Effect of Dairy Cow Feeding Regime on Functional Milk Production

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (EN)**Moderator: Assoc. Prof. Dr. Ayşe Tülin ÖZ**

191	Ayşe OZ	BIOCHEMICAL AND VOLATILE COMPOSITIONS OF SOME ORANGE VARIETIES
381	Selin YABACI KARAOGLAN, Mustafa Ümit Ünal, Aysun SENER	EXTRACTION, PARTIAL PURIFICATION AND DETERMINATION OF THERMAL INACTIVATION PARAMETERS POLYPHENOL OXIDASE FROM TEA LEAF (CAMELLIA SINENSIS)
710	Abdullah Colakoglu	Determination of Thermal Properties and Oxidative Stability of Whey Butter by Differential Scanning Calorimetry
862	Muharrem Keskin	Evaluating Water Content of Strawberry Leaves Using a Chromameter and a Chlorophyll Meter
820	Sercan DEDE, Filiz Altay	Nanotechnological Applications for Biosensors

18 NOVEMBER 2017 SATURDAY TIME 11:30-12:30 (TR)**Moderator: Assoc. Prof. Dr. Ö. Faruk GAMLI**

133	Sercan DEDE, Özgür HÜYÜKLÜ	Determination of Aroma Profile of Some Wines Produced in Hatay
200	Zeliha ERASLAN, Ö.Faruk GAMLI	Biber Salçalarına İlave Edilen Zeytin Yaprak Ekstraktının Antimikrobiyal Ve Antifungal Etkisinin Belirlenmesi
380	Uçman Ergün, Tolga HAYIT	Analysis Of Bread Pore Structure By Using Matlab Program In Web Environment
550	Ufuk Vapur	Aflatoxin-M1 Levels and Suggestions for Field Applications in Milk Collected in Kahramanmaraş, Gaziantep, Osmaniye.
606	Menderes Çenet	Gaziantep Yöresi Ballarının Palinolojik ve Fizikokimyasal Analizleri

ROOM 9**18 NOVEMBER 2017 SATURDAY TIME 08:30-09:45 (TR)****Moderator: Assoc. Prof. Dr. Engin ATEŞER**

389	Havva ÖZISIK, Engin Ateser, AHaci ÖZISIK, Engin Deligoz	The electronic properties of half-Heusler NiZrSn and NiHfSn compounds under pressure
452	Sibel Özdogru, Engin Ateser, Engin Deligoz, Havva ÖZISIK, Haci ÖZISIK	Theoretical Investigation of Structural, Electronic and Mechanical Properties of the Ternary Sr2ZnP2 Compound
248	Ali ÇINGI	The Metamaterials Based Sensor Design According to Dielectric Values of Bovine Bone
677	Engin Deligoz, Haci ÖZISIK, Havva ÖZISIK, Engin Ateser	The Mechanical and Dynamical Properties of Hexagonal Phase δ-WN
796	Seyfettin Ayhan, Gülten Kavak Balcı	Ab-initio calculations of Structural, Optical and Electronic properties of AgBiS2

18 NOVEMBER 2017 SATURDAY TIME 10:00-11:15 (EN/TR)**Moderator: Prof. Dr. Hakan ÖZTÜRK**

379	Havva ÖZISIK, Haci ÖZISIK, Engin Deligoz	The Lattice Dynamical Properties of Ba2Sb4GeS10 compound
455	Oguzhan Okvuran, Engin Ateser, Engin Deligoz, Havva ÖZISIK, Haci ÖZISIK	The Investigation of Structural, Electrical and Mechanical Properties of Tl2ZrS3 Ternary Thallium Chalcogen Using Ab Initio Method
325	Hakan OZTURK, Ökkeş EGE	UN method for the eigenvalue spectrum of monoenergetic neutrons: isotropic, forward and backward scattering in a slab
615	Özge ERDEM	The Superconducting Properties of Pyrene Added Bulk MgB2 Superconductors
680	ismail Akkaya, Ali Özvan	Comparison of Standard Test Methods Used for Evaluation of Building Stones with Nondestructive Test Methods

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386	Engin Deligoz, Havva ÖZİSİK, Hacı ÖZİSİK, Engin Ateser	The Lattice Dynamical and Thermodynamical Properties of TaCoSb Compound
457	Engin Deligoz, Hacı ÖZİSİK, Havva ÖZİSİK, Engin Ateser	Structural and Mechanical Properties of MoB ₃ Compound: Ab Initio Study
90	İlknur Kars Durukan	Investigation of Structural Properties of InGaN / GaN leds by XRD
337	Mehmet KORKMAZ	Cross section calculations of neutron-induced reactions on ²³ Na nucleus
631	Fikret Yılmaz, Semra Ergen, Soon-Jik Hong, Orhan Uzun	Hydrogen Storage in Melt-Spun LaNi _{4.7-x} Al _{0.3} Bix (x = 0; 0.1; 0.2; 0.3) Alloys
183	Volkan ARIKAN, Ramazan KARAKUZU	Sandviç Kompozitlerde Yama Tipi Tamirin Parametrik Olarak İncelenmesi