

**HASAN KALYONCU
UNIVERSITY**



**GAZIANTEP
UNIVERSITY**

TICMET'21

05-06 November, 2021 Gaziantep - TURKEY

3

The 3rd International
Conference of Materials
and Engineering Technology

3. Uluslararası
Malzeme ve Mühendislik
Teknolojileri Konferansı



<https://www.ticmet.org>



FACE_{to}FACE



CONFERENCE OBJECTIVE

The 3rd International Conference of Materials and Engineering Technology (TICMET'21) will be held on 05-06 November 2021 in partnership with Hasan Kalyoncu University and Gaziantep University.

The main purpose of TICMET'21 is to present the latest research and results of scientists related to materials and engineering technologies. This conference provides different field delegates with opportunities to exchange new ideas and application experiences, build business or research relationships, and find global partners for future collaboration. Due to Covid-19 that shook the world, in addition to face-to-face sessions, ONLINE presentation will be provided to our participants. After this science feast, your abstract/full texts will be published in congress books with ISBNs and will be brought to the world science literature with open access and significant contributions will be made to the scientific field. Webinars will be used in online presentations and will be broadcast live. All participants will be able to ask questions to be answered in the presentations. In the event that more than one session takes place at the same time, it will be possible to follow from parallel rooms.

As an organizing committee we would like to thank to all authors for their valuable contributions. Please note that all papers were reviewed and evaluated by the referees in the field, based on their technical and/or research content, relevance to the conference, contributions and readability.

Selected papers presented at the conference will be published in one of the following journal:

- International Journal of Materials and Engineering Technologies (TIJMET) (Dergipark)
- El-Cezeri Journal of Science and Engineering (TR Directory)

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Dr Mazhar Malik, University Of The West Of England - GB
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Dr. Mohammad Ghaffar Faraj, Koya University - IQ
Dr Peter Kay, University Of The West Of England - GB
Dr Sabir Ghauri, University Of The West Of England - GB
Dr Shahroz Sakhawat, Pakistan Welding Institute - PK

INVITED SPEAKERS



Invited Speaker

Prof. Dr. TUĞRUL DAIM

Portland State University
Engineering Management

Dr. Tuğrul Daim is a Professor in the Department of Engineering and Technology Management. He is also the director of the Technology Management Doctoral program at Portland State University. Dr. Daim leads a research group on Technology Evaluations and Research Applications. His group has had more than 20 PhD graduates. He is currently advising more than 15 PhD students. Over 15 visiting scholars from all around the world have joined his group in the last decade. Dr. Daim is recognized worldwide for his research leadership in roadmapping and forecasting technologies. He has published over 200 refereed journal papers, more than 20 special issues and more than 20 books. He made more than 200 conference presentations and gave several keynote lectures. He sits on the board of many academic

institutions and industrial organizations.

Awards & Honors

Honorary Chair Professor title by Chaoyang University of Technology (2019)

R&D Advisory Board member for TUPRAS (Turkey) (2018)

Leading Research Fellowship at National Research University Higher School of Economics in Moscow (2018-2020)

David E Wedge Award for Excellence in Teaching by Portland State University (2017)

President of Omega Rho, International Honor Society in Operations Research and Management Science (2014 - 2016)

INVITED SPEAKERS

Mehmet Lütfi Yola received his MSc and PhD degrees in Faculty of Pharmacy, Hacettepe University, Ankara, Turkey. He was a research assistant at Hacettepe University during his graduate studies where he also served as the researcher on the Nanotechnology Laboratory. His doctoral thesis is about “Development of molecular imprinted nanosensors for determination of biomolecules/drugs in pharmaceuticals and foods”. He also remained in the department of Biochemistry as a research associate working on DNA-drug interactions and DNA biosensors based on nanocomposites at Hacettepe University. He then joined the Materials Laboratory at Sinop University, Turkey and was subsequently promoted to research assistant professor. During his tenure, he collaborated on Materials Science and biosensors/nanosensors. He created a new biosensor about cardiac troponin-I recognition and developed a novel methodology for SPR imaging of anticancer drugs and their effect levels. On July 2017, Dr. Yola joined Iskenderun Technical University in Hatay, Turkey as an associate professor. He was the director of Biomedical Engineering. At now, he is working as professor at Hasan Kalyoncu University. While continuing his research on novel biosensors and imaging methods including quartz crystal microbalance (QCM), surface plasmon resonance (SPR) and electroanalytical techniques (CV, SWV, DPV, CA, CC and stripping), he is also working on molecular imprinting technology, validation and optimization of analytical methods.



Planetary Session

Prof. Dr. Mehmet Lütfi YOLA

Hasan Kalyoncu University

Dr. Yola received 2018-The Young Scientist Award of the Year (Science Heroes Association) and 2019 Turkish Academy of Sciences (TUBA) Outstanding Young Scientists Awards (GEBİP) in the field of materials science, nanotechnology and biomedical applications. Dr. Yola has published more than 100 research articles in high impact journals including Biosensors and Bioelectronics, Composites Part B: Engineering, Journal of Colloid and Interface Science, Sensors and Actuators B: Chemical, Chemical Engineering Journal, Food Chemistry, Materials Science and Engineering: C, Electrochimica Acta with a total international citation of more than 8000. h-index is 56 (Google Scholar) and h-index is 53 (ISI Web of Knowledge).

PROGRAM OVERVIEW		
Location: Hasan Kalyoncu University, Conference Hall		
05.11.2021 - FRIDAY		
09:00 – 10:00	Registration	Conference Registration Desk
10:00 – 11:00	Opening Ceremony	Hasan Kalyoncu University- Conference Hall Prof. Dr. Necip Fazıl YILMAZ (Conference Chair) Prof. Dr. Hanifi ÇANAKÇI (Dean of Hasan Kalyoncu University Engineering Faculty) Prof. Dr. Tamer YILMAZ (Yıldız Technical University – Rector) Prof. Dr. Türkay DERELİ (Honorary Chair-Hasan Kalyoncu University – Rector) Prof. Dr. Arif ÖZAYDIN (Honorary Chair-Gaziantep University – Rector)
11:00 – 12:00	Invited Speakers Session	Prof. Dr. Tuğrul DAİM - Portland State University (Online Presentation)
14:00 – 14:30	Plenary Session	Prof. Dr. Mehmet Lütüf YOLA - Hasan Kalyoncu University (Face to Face) Moleküler Baskılanmış Sensörlerin Geliştirilmesi, Validasyonu ve Gerçek Numunelere Uygulanması
14:30– 14:45	Coffee Break	
14:45 – 16:00	Session I	Hasan Kalyoncu University - Hall 1 - Hall 2 (Face to Face) – Hall 3 (Online)
16:00 – 16:15	Coffee Break	
16:15 – 17:30	Session II	Hasan Kalyoncu University - Hall 1 - Hall 2 (Face to Face) – Hall 3 (Online)
18:30 – 21:00	Gala Dinner	
06.11.2021 - SATURDAY		
10:00 – 11:00	Session III	Hasan Kalyoncu University - Hall 1 - Hall 2 (Face to Face) – Hall 3 (Online)
11:00 – 11:15	Coffee Break	
11:15 – 12:30	Session IV	Hasan Kalyoncu University - Hall 1 - Hall 2 (Face to Face) – Hall 3 (Online)
14:00 – 15:00	Session V TICMET Special Session	Hasan Kalyoncu University - Conference Hall Bir AB Projesinin Başvurudan Yürütülme Sürecine Deneyimler
15:00– 15:15	Coffee Break	Hasan Kalyoncu University
15:15 – 16:30	Session VI	Hasan Kalyoncu University - Hall 1 - Hall 2 (Face to Face)

INVITED SPEAKERS SESSION

05.11.2021 - FRIDAY (11:00 – 12:00)	
Moderator: Prof. Dr. Necip Fazıl YILMAZ	
https://bit.ly/3mBMDYd Online	
MAIN HALL	PROF. DR. TUĞRUL DAİM - PORTLAND STATE UNIVERSITY

PLENARY SESSION

05.11.2021- FRIDAY (14:00 – 14:30)	
PROF.DR. MEHMET LÜTFİ YOLA – HASAN KALYONCU UNIVERSITY	
https://bit.ly/3EvFfUC Face-to-Face (Online Available)	
MAIN HALL	DEVELOPMENT AND VALIDATION OF MOLECULAR IMPRINTED SENSORS AND APPLICATIONS TO REAL SAMPLES Moleküler Baskılanmış Sensörlerin Geliştirilmesi, Validasyonu ve Gerçek Numunelere Uygulanması

SESSION I

05.11.2021 – FRIDAY (14:45 – 16:00)	
Chair: Prof. Dr. Ömer EYERCİOĞLU	
https://bit.ly/3BFsPYc Face-to-Face (Online Available)	
HALL 1	TICMET21-0042: DESIGN AND ANALYSIS OF AN ULTRASONIC SONOTRODE FOR HIGH FREQUENCY VIBRATION ASSISTED SHEET METAL FORMING APPLICATIONS SADIK OLGUNER, ALI TOLGA BOZDANA
	TICMET21-0050: ANALYSIS OF MECHANICAL BEHAVIOR OF TERMOPLASTIC COMPOSITES AYSU HANDE YUCEL, ELIFNUR KOSEMEN, ALI TANER KUZU, MUSTAFA BAKKAL
	TICMET21-0055: APPLICATION OF FLOW PEENING GOV PROCESS ON INCONEL FROM AEROSPACE MATERIALS KURSAK GOV, IBRAHIM GOV, BURAK SAHIN, ABDURRAHMAN DOGAN, MURAT KALAK, MEHMET SAIT KOCA
	TICMET21-0061: AISI 4140 ÇELİĞİNİN FREZELEMESİNİN TAGUCHI-DEAR YÖNTEMİYLE OPTİMİZASYONU YUSUF FEDAI
	TICMET21-0032: COMPARATIVE CHARACTERIZATION OF DAMPING PROPERTIES OF ALUMINUM ALLOYS USED IN AEROSPACE APPLICATIONS NURETTİN FURKAN DOĞAN, BURAK SAHİN

05.11.2021 – FRIDAY (14:45 – 16:00)	
Chair: Prof. Dr. Abdulkadir EKŞİ	
https://bit.ly/3GVFkDd Face-to-Face (Online Available)	
HALL 2	TICMET21-0043: ASIT BOYARMADELERLE BOYANMIS DENİM KUMASLAR ÜZERİNE BİR ARASTIRMA NURİYE KERTMEN, ZEYNEP TEKEREK
	TICMET21-0072: FLEXIBLE ELECTRODES FABRICATED WITH COBALT AND COPPER COATED GRAPHITE FILAMENTS ALI TUNC, ABDULCABBAR YAVUZ, METİN BEDİR
	TICMET21-0054: DENİM KUMASLARIN RENKLENDİRİLMESİNDE İNOVATİF BİR YÖNTEM NURİYE KERTMEN, ZEYNEP TEKEREK
	TICMET21-0071: COBALT AND NICKEL ALLOY ELECTRODE CO DEPOSITED FROM A NON AQUEOUS ELECTROLYTE MURAT ARTAN, ABDULCABBAR YAVUZ, NECİP FAZİL YILMAZ
	TICMET21-0038: AN EXPERIMENTAL STUDY ON THE PARAMETERS AFFECTING THE THERMAL SEAL FORCE OF COATED BIDIRECTIONAL STRETCHED PET FILM FOR FOOD PACKAGING APPLICATIONS ÇAĞRI TIKILOĞLU, EMRAH OZAHI

05.11.2021 – FRIDAY (14:45 – 16:00)	
Chair: Prof. Dr. Sultan ÖZTÜRK	
https://bit.ly/3whTqtC Online	
HALL 3	TICMET21-0056: VORTEKS İPLİKLERE UYGULANAN FİKSE İŞLEMİNİN ORME KUMAS PERFORMANSINA ETKİSİNİN ARASTIRILMASI AHMET ORUC, EMEL İLANBEY, KUBRA OZSAHİN, HATİCE KUBRA KAYNAK
	TICMET21-0003: NUMERICAL FLOW FIELD SIMULATION OF COMPACT SPINNING CONDENSING ZONE FOR DIFFERENT AIR PRESSURE LEVELS MURAT DEMİR
	TICMET21-0007: A STUDY ON THE MECHANICAL PROPERTIES OF BULK CONTINUOUS FILAMENT YARNS PRODUCED BY MIXING POLYPROPYLENE HOMOPOLYMER WITH POLYPROPYLENE COPOLYMER OR TERMOPLASTIC POLYOLEFİN CEMİLE EMEL YAZ, CEM GÜNEŞOĞLU, MEHMET TOPALBEKİROĞLU
	TICMET21-0012: DTY POLYESTER İPLİKLERDE FILAMENT İNCELİĞİNİN VE DİSK TIPİNİN İPLİK FİZİKSEL ÖZELLİKLERİNE ETKİSİ GÜLBİN FİDAN, YAŞEMİN KORKMAZ, HALİL İBRAHİM ÇELİK
	TICMET21-0020: A REVIEW ON ALUMINIUM MATRIX COMPOSITES MANUFACTURED BY POWDER METALLURGY ELİF PEŞEN, ABDUL KADİR EKŞİ, AYŞE NUR ACAR, AHMET EKİCİBİL
	TICMET21-0024: STRUCTURAL AND SURFACE PROPERTIES OF GLASS POWDER COATED CR STEELS AYŞE NUR ACAR, DOĞAN KAYA, ABDUL KADİR EKŞİ, AHMET EKİCİBİL
	TICMET21-0052: ÇOK BİLEŞENLİ ÖZLÜ İPLİK İÇEREN DENİM KUMASLARIN YIRTIĞA MUKAVEMETLERİNİN İNCELENMESİ DENİZ VURUSKAN, NAZAN AVÇIOĞLU KALEBEK, ESİN SARIOĞLU

SESSION II

05.11.2021 – FRIDAY (16:15 – 17:30)	
Chair: Prof. Dr. Abdulkadir ÇEVİK	
https://bit.ly/3bGLPel Face-to-Face (Online Available)	
HALL 1	TICMET21-0073: INVESTIGATION OF WEAR BEHAVIOUR OF PLA AND CV 60 MATERIALS EREF BEDIRHAN AKSOY, MUSA YILMAZ, NECIP FAZIL YILMAZ
	TICMET21-0005: ELEKTROMANYETİK KORUYUCU ORME KUMASLARIN GELİSTİRİLMESİ HUSEYİN KADOĞLU, DENİZ DURAN, MEHMET KERTMEN, HALİL İBRAHİM OLUCAK, AYBUKE SEN, ÖZGÜR SAMET GİZLENCİ, HATİCE AKTEKELİ YILMAZ
	TICMET21-0011: MELANJ ELYAF KARISIMLARINDA RENK STANDARDİZASYONU İÇİN SİSTEM GELİSTİRİLMESİ MEHMET KERTMEN, HALİL İBRAHİM ÇELİK, ELİF GÜLTEKİN, AYBUKE SEN, HALİL İBRAHİM OLUCAK
	TICMET21-0062: FARKLI ÖZELLİKLERE SAHİP 2605SA1 AMORF VE M27 ELEKTRİK ÇELİĞİ NÜVE MALZEMELERİ KULLANILAN ASENKRON MOTORLARIN VERİMLİLİKLERİNİN SONLU ELEMANLAR YÖNTEMİYLE ANALİZİ NECİP FAZİL YILMAZ, MUHAMMET YUSUF DÜLKADİR, MAHMUT FURKAN KALKAN, MUSA YILMAZ
	TICMET21-0063: KAYNAK GEOMETRİSİNİN LAMİNE ELEKTRİK ÇELİK SAÇLARI ÜZERİNDEKİ ETKİSİNİN SONLU ELEMANLAR YÖNTEMİ İLE İNCELENMESİ MAHMUT FURKAN KALKAN, MUHAMMET YUSUF DÜLKADİR, NECİP FAZİL YILMAZ

05.11.2021 – FRIDAY (16:15 – 17:30)	
Chair: Prof. Dr. Metin BEDİR	
https://bit.ly/3BFsl4k Face-to-Face (Online Available)	
HALL 2	TICMET21-0058: RETROFITTING OF RC STRUCTURES USING NEAR SURFACE MOUNTED FRP KHALED HAFAR JONEIDI, ABDÜLKADİR ÇEVİK
	TICMET21-0022: USING LIGHTWEIGHT EXPANDED GLASS AGGREGATE TO PRODUCE A LIGHTWEIGHT GEOPOLYMER MORTAR AHMAD AL MOHAMMAD, ABDÜLKADİR ÇEVİK
	TICMET21-0006: FLEXURAL BEHAVIOUR OF HAUNCHED BEAMS REINFORCED WITH GLASS FRP REBAR SAAD ALMOHAMMAD ALAGOL, MEHMET EREN GÜLSAN
	TICMET21-0049: LIGHTENING PROJECT TRANSFORMATION OF PVC CUTTING MACHINE BODY UMUT KARAGÜZEL, ZEYNEP HANCERKİRAN, UMUT CAN AHLATCI, ERTAN TOPUZOĞLU, TAYLAN KASAPÇOPUR, ERKAN ALKAN, FİKRET ERTÜRK, ALPER YETER, MUSTAFA BAKKAL
	TICMET21-0047: FAILURE ANALYSIS OF 3D PRINTED AND CONVENTIONALLY MANUFACTURED POLYMER GEARS ABDURRAHMAN GÜNGÖR, NECİP FAZİL YILMAZ, MUSA YILMAZ

05.11.2021 – FRIDAY (16:15 – 17:30)	
Chair: Prof. Dr. METE KALYONCU	
https://bit.ly/2ZLlcSW Online	
HALL 3	TICMET21-0036: OPTIMIZATION OF AN ANTI SWAY CONTROLLER FOR AN OVERHEAD CRANE USING THE BEES ALGORITHM MAHMUT CİMEN, SAMİ YESİLBEL, METE KALYONCU
	TICMET21-0046: MAKİNE ÖĞRENME TEKNİKLERİ KULLANILARAK HAZİR GİYİM ENDÜSTRİSİNDE İŞ VERİMLİĞİNİN SINIFLANDIRILMASI ABDULLAH CALISKAN, ZEYNEL ABİDİN CİL
	TICMET21-0030: IMPLEMENTING THE PMSM RESOLVER INTERFACE ON FPGA ABDÜLKADİR SADAY
	TICMET21-0064: BRUSHLESS DC MOTOR DRIVER DESIGN WITH ACPL 332J GATE DRIVER UFUK KAYA, HALİL EROL
	TICMET21-0065: RÜZGAR TÜRBİNİ KANATÇIK AÇI KONTROLÜNÜN BULANIK MANTIK İLE ANALİZİ ATAKAN ARSLAN, HALİL EROL

SESSION III

06.11.2021 – SATURDAY (10:00 – 11:00)	
Chair: Prof. Dr. Celal KORAŞLI	
https://bit.ly/3q0DP0d Face-to-Face (Online Available)	
HALL 1	TICMET21-0059: MULTILAYER ABSORBERS DESIGN USING DOUBLE STAGE COGNITIVE SEEKER OPTIMIZATION ALGORITHM MONA ALFAQAWI, UGUR CEM HASAR
	TICMET21-0060: BROADBAND MICROWAVE TAPERED MICROSTRIP TRANSFORMERS DESIGN USING COGNITIVE SEEKER OPTIMIZATION ALGORITHM MONA ALFAQAWI, UGUR CEM HASAR
	TICMET21-0027: DETECTION AND CLASSIFICATION OF FRESH PISTACHIOS USING DEEP LEARNING AHMET EMIN KARADAG, ALI KILIC
	TICMET21-0028: DESIGN OF FLIGHT CONTROLLER UNIT BASED ON PID CONTROL HAKAN CANDAR, AHMET OZGUR AYIK
	TICMET21-0053: CLASSIFICATION OF THE BREAD WHEAT QUALITY WITH ARTIFICIAL NEURAL NETWORK MODELS BUNYAMIN KAHRAMAN, YUNUS EROGLU

06.11.2021 – SATURDAY (10:00 – 11:00)	
Chair: Prof. Dr. Bülent YARDIMOĞLU	
https://bit.ly/3EyDPsu Face-to-Face (Online Available)	
HALL 2	TICMET21-0044: ENERGY ENVIRONMENT AND ECONOMY INVESTIGATION OF WASTE HEAT RECOVERY TECHNOLOGIES IN MARINE INDUSTRY HASAN MITHAT DELIBAS, ERHAN KAYABASI
	TICMET21-0034: SURFACE OBSERVATION OF INCONEL 718 TREATED BY FLOW PEENING GOV PROCESS KURSAD GOV, BURAK SAHIN
	TICMET21-0029: NUMERICAL INVESTIGATION OF A WING WITH HIGH ASPECT RATIO USING MULTI DISCIPLINARY APPROACH BURAK CIFTCIOGLU, IBRAHIM GOV, MEHMET HANIFI DOGRU
	TICMET21-0026: A STUDY ON DETERMINATION OF OPTIMUM AUTOFRETTAGE PRESSURE OF A THICK WALLED CYLINDER WORKING UNDER CYCLIC PRESSURE HAKAN CANDAR, HALIL KIMSESIZ

06.11.2021 – SATURDAY (10:00 – 11:00)	
Chair: Prof. Dr. Enver ATİK	
https://bit.ly/3nQoQDA Online	
HALL 3	TICMET21-0008: THE HIGH PURITY NANOSIZED STRONTIUM CARBONATE PRODUCTION WITH THE AMMONIUM CARBONATE MEDIA VIA THE MECHANOCHEMICAL SYNTHESIS PROCESS SULTAN OZTURK, FURKAN ALPTEKIN, SELMINE AKYOL, SEFA EMRE SUNBUL, KURSAT ICIN
	TICMET21-0009: STRUCTURAL TRIBOLOGICAL ISOTHERMAL OXIDATION AND CORROSION PROPERTIES OF AL CO CR FE NI TI CU HIGH ENTROPY ALLOY SULTAN OZTURK, SELMINE AKYOL, FURKAN ALPTEKIN, KURSAT ICIN, SEFA EMRE SUNBUL
	TICMET21-0033: EXAMINATION OF THE INFLUENCE OF PRINTING PARAMETERS FOR THE CONTINUOUS CARBON FIBER REINFORCED THERMOPLASTICS BASED ON FUSED DEPOSITION MODELING ALTUG USUN, RECEP GUMRUK, NURI YILDIZ
	TICMET21-0039: INDUCTION SINTERING OF FERROUS BASED FUNCTIONALLY GRADED MATERIALS CONTAINING COPPER IN DIFFERENT RATIOS MEHMET YILDIRIM, ENVER ATIK
	TICMET21-0041: INDUCTION SINTERING OF FERROUS MATERIALS AT DIFFERENT TIMES AND INVESTIGATION OF THEIR MECHANICAL PROPERTIES MEHMET YILDIRIM, ENVER ATIK
	TICMET21-0066: MANUFACTURING OF COPPER WIRE BY THE CONTINUOUS CASTING PROCESS ZAKARIA BOUMERZOUG
	TICMET21-0067: S32205 DUBLEKS PASLANMAZ CELIKLERDE ISIL ISLEM SICAKLIKLARININ MIKROYAPI VE SERTLIK OZELLIKLERINE ETKILERI MERVE DUMAN, AZIZ BARIS BASYIGIT, HALIL IBRAHIM KURT

SESSION IV

06.11.2021 – SATURDAY (11:15 – 12:30)	
Chair: Prof. Dr. Mustafa BAKKAL	
https://bit.ly/3jYTx8p Face-to-Face (Online Available)	
HALL 1	TICMET21-0070: STRUCTURE AND PHOTOCATALYTIC PROPERTIES OF ZINC OXIDE REINFORCED BISEMA TEGDMA CO POLYMER ILKNUR TAS KAZAK, DERYA KAPUSUZ YAVUZ
	TICMET21-0069: PRINTING ON NON PLANAR SURFACE WITH HYBRID LARGE SCALE ADDITIVE MANUFACTURING METHOD OMER EYERCIOGLU, MEHMET ALADAG, ENGIN TEK, GULAGA TAS
	TICMET21-0048: EFFECT OF ELECTRODE GEOMETRY ON OVERCUT OF DRILLED HOLES IN ELECTRICAL DISCHARGE DRILLING PROCESS ALI TOLGA BOZDANA, NAZAR KAIS AL KARKHI
	TICMET21-0068: ELECTROCHEMICAL BEHAVIOUR AND PERFORMANCE OF FLEXIBLE GRAPHITE THREAD IN DIFFERENT ELECTROLYTES MAHMUT FURKAN KALKAN, MURAT ARTAN, HASAN MITHAT DELIBAS, ABDULCABBAR YAVUZ, NECIP FAZIL YILMAZ

06.11.2021 – SATURDAY (11:15 – 12:30)	
Chair: Prof. Dr. Uğur Cem HASAR	
https://bit.ly/3jYTx8p Face-to-Face (Online Available)	
HALL 2	TICMET21-0021: INVESTIGATION OF THE HUB DIAMETER EFFECT ON PROPELLER THRUST ENES COSKUN, MEHMET HANIFI DOGRU
	TICMET21-0023: EFFECT OF PROPELLERS NUMBERS AND HORIZONTAL DISTANCE IN DESIGN OF VTOL MUSTAFA VARKI, EYUP YETER, MEHMET HANIFI DOGRU
	TICMET21-0037: THE DESIGN OF SOLAR CELLS SENSITIVE TO THE HELICAL BEAMS KORAY KOKSAL
	TICMET21-0051: BMG DELIK DELME PROSESİNDE SICAKLIK MODELLEMESİ AZMI TIMUR, NUREFSAN ELIF KOSEN, M AYBUKE TURKMEN, ELIFNUR KOSEMEN, MUSTAFA BAKKAL

06.11.2021 – SATURDAY (11:15 – 12:30)	
Chair: Prof. Dr. EMRAH ÖZAHİ	
https://bit.ly/3wdiK3Y Online	
HALL 3	TICMET21-0015: FINITE ELEMENT MODELING AND ANALYSIS OF REPRESENTATIVE WING STRUCTURE FOR STRUCTURAL HEALTH MONITORING PURPOSES MUHAMMED LATIF BEKCI, OMER NECATI CORA
	TICMET21-0017: INVESTIGATION ON THE SOLID PARTICLE EROSION PERFORMANCE OF TRANSPARENT MATERIALS MOHAMMAD HUSSAIN DANESH, DOGAN ACAR, OMER NECATI CORA
	TICMET21-0016: EFFECT OF SURFACE TEXTURING ON TRIBOLOGICAL BEHAVIOR OF SAE 600 BEARING BRONZE DOGAN ACAR, HASAN ONUR TAN, OMER NECATI CORA
	TICMET21-0018: BARAJLARDA DOLUSAVAK ETRAFINDAKI AKIS YAPISININ CFD İLE ANALIZI SUAT ONAL, HEVIN BOZKURT
	TICMET21-0013: LI FI İLE UCAK İÇİ İNTERNET BAĞLANTISINDA FARKLI GEOMETRİK YERLEŞİMLERİN PERFORMANS ANALİZİ - PERFORMANCE ANALYSIS OF DIFFERENT GEOMETRIC LAYOUTS IN ONBOARD INTERNET CONNECTION WITH LI FI ABDULLAH MURATOGLU, TANSAL GUCLUOGLU
	TICMET21-0014: ASSESSMENT OF HEMODIALYSIS MEMBRANES A REVIEW ADIL GUJRI, OMER NECATI CORA
	TICMET21-0004: DECISION TREE REGRESSION METHOD APPLICATION FOR PREDICTION OF WOVEN FABRICS TEAR STRENGTH HALİL İBRAHİM CELİK, HATİCE KUBRA KAYNAK, ELİF GULTEKİN
	TICMET21-0010: EFFECT OF ELASTANE DIAMETER ON POISSON S RATIO OF HELICAL AUXETIC YARNS HALİL İBRAHİM CELİK, ESRA CAYMAK

**SESSION V
(TICMET SPECIAL SESSION)**

06.11.2021 – SATURDAY (14:00 – 15:00)

PROF.DR. MUSTAFA BAKKAL – ISTANBUL TECHNICAL UNIVERSITY

<https://bit.ly/3w8jkzV>

Face-to-Face (Online Available)

MAIN HALL

Bir AB Projesinin Başvurudan Yürütülme Sürecine Deneyimler
Recotrans-Ulaşım Sektörü İçin HORIZON 2020 Desteği ile Hızlı ve Sürdürülebilir İmalat Çözümü

SESSION VI

06.11.2021 – SATURDAY (15:15 – 16:30)

Chair: Prof. Dr. M. Fatih HASOĞLU

<https://bit.ly/3jV75Sn>

Face-to-Face (Online Available)

HALL 1

TICMET21-0035: INVESTIGATION OF SURFACE ROUGHNESS FOR INCONEL 718 AS AEROSPACE MATERIAL BY FLOW PEENING GOV PROCESS
KURSAD GOV, BURAK SAHIN, MEHMET SAIT KOCA, MURAT KALAK

TICMET21-0031: INVESTIGATION OF MATERIAL REMOVAL RATE FOR INCONEL 718 AS AEROSPACE MATERIAL BY FLOW PEENING GOV PROCESS
KURSAD GOV, BURAK SAHIN, MURAT KALAK, MEHMET SAIT KOCA

TICMET21-0045: THE EFFECT OF USING STEEL MESH ON THE INTERLAMINAR FRACTURE TOUGHNESS OF FML COMPOSITES
MEHMET ALI AKELOGLU, MELIH BAYRAMOGLU

**HASAN KALYONCU
UNIVERSITY**



**GAZIANTEP
UNIVERSITY**

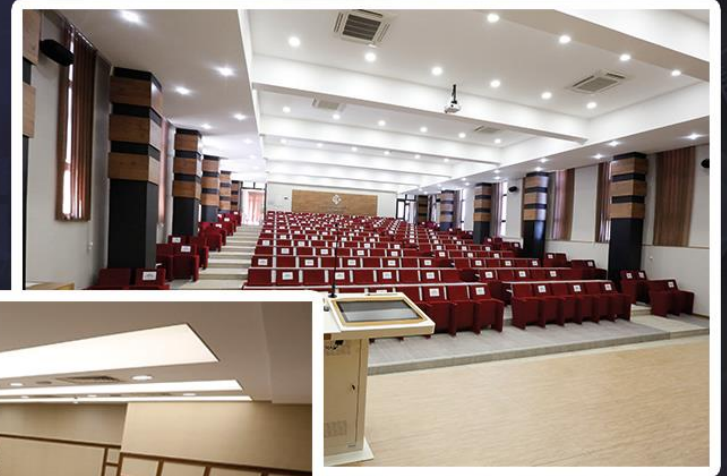
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3. Uluslararası
Malzeme ve Mühendislik
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