DRAFT CONGRESS PROGRAM

DRAFT

December 2-3, 2026| Ankara, Türkiye

In-Person

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 10.00-12.15

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Mustafa KURBAN

Author	University	Presentation Title
Assist. Prof. Dr. ZEYNEP SAĞIR, ALDIN ĐAPO	International University of Sarajevo, Kunstuniversität Linz	EXPLORING MUSIC SIMILARITY THROUGH SPECTROGRAM ANALYSIS AND PRETRAINED CNN FEATURES
Arif Seyda ÖZÇELİK, Doç. Dr. Mehmet DEMİRCİ	Gazi Üniversitesi	AĞ YAPILANDIRMA DOĞRULAMASINDA BÜYÜK DİL MODELİ TABANLI ÇOK KATMANLI BİR YAKLAŞIM
Yahya J. TAWFEEQ, **Izzat Niazi SULAIMAN**	University of Kirkuk	PERFORMANCE EVALUATION OF DEAD OIL VISCOSITY CORRELATIONS USING EXPERIMENTAL PVT DATA
Nisa Nur VURAL, Arş. Gör. Dr. İrem Koçyiğit ÇAPOĞLU, Doç. Dr. Duygu UYSAL, Prof. Dr. Özkan Murat DOĞAN	Gazi Üniversitesi	POTASYUM SARKOSİNAT ÇÖZELTİSİNİN TOPLAM KARBON DİOKSİT ABSORPLAMA KAPASİTESİ VE ÇÖZÜNME HIZININ İNCELENMESİ
Seda BADEM, Mohamad Samer KANSOU, Nida ARASAN, Fatih AKKURT	Gazi Üniversitesi, Koç Üniversitesi	VANADYUM REDOKS AKIŞ BATARYALARI İÇİN NANOAKIŞKAN ELEKTROLİTLERDE GRAFEN BAZLI HETEROATOM KATKILARININ SİNERJİK ETKİSİNİN İNCELENMESİ
Alyaa Wael Abdullah ABDULLAH, Sena YAŞYERLİ, Mert Yekta DOĞAN	Gazi University	GRAPHITE-SUPPORTED NI CATALYSTS FOR METHANE DRY REFORMING IN MICROWAVE HEATED REACTOR
Prof. Dr. Mustafa KURBAN, Prof. Dr. Erchin SERPEDIN	Texas A&M University at Qatar, Ankara University	THRESHOLD-ROBUST STATISTICAL ENRICHMENT OF HYDROGEN-STABILIZING LOCAL MOTIFS IN REFRACTORY HIGH-ENTROPY ALLOYS
Ali Merwan SHAKOR, Prof. Dr. Saffet AYASUN, Mohammed ZAKI	University of Kirkuk, Gazi University	MICROGRID STABILITY IMPROVEMENT WITH SUPERCONDUCTING MAGNETIC ENERGY STORAGE
Hasan ÖZKARA, Prof. Dr. Mehmet Feyzi AKŞAHİN	Gazi Üniversitesi	AED RİTİM ANALİZİ ALGORİTMALARININ GÖMÜLÜ SİSTEM VE BULUT BİLİŞİM PLATFORMLARINDA

DRAFT

In-Person

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 13.45-15.00

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Mustafa KILIÇ

Author	University	Presentation Title
Mahmood Sh. SUWAED, Prof. Dr. Oguz TURGUT, Assoc. Prof. Dr. Ali Hussein ABDULKARIM	University of Kirkuk,	COMPREHENSIVE ANALYSES OF FORCED CONVECTION IN A CIRCULAR TUBE EQUIPPED WITH DIFFERENT SHAPES OF TWISTED INTERNAL LONGITUDINAL FINS
Gizem YILMAZ, Zeynep MERT, **Mahmood Sh. SUWAED**, Prof. Dr. Oguz TURGUT	University of Kirkuk, Gazi University	EFFECT OF FIN INCLINATION ANGLE ON THE THERMAL AND HYDRAULIC PERFORMANCE OF A PLATE-FIN HEAT EXCHANGER: A CONJUGATE CFD STUDY
Mahir ŞAHİN, Rojhat ALTIN, **Prof. Dr. Mustafa KILIÇ**, Prof. Dr. Atta ULLAH	Adana Alparslan Türkeş Science and Technology University, Pakistan Institute of Engineering and Applied Sciences (PIEAS)	COMPARATIVE INVESTIGATION OF CLASSICAL AND PHYSICS-CONSTRAINED AI-BASED CORRELATION APPROACHES FOR THE KINEMATIC VISCOSITY OF Al_2O_3/5W-30 NANOLUBRICANT
Assist. Prof. Dr. Oğuz Faik SEVEN	Gazi University	EFFECT OF HOT ISOSTATIC PRESSING AND BUILD ORIENTATION ON THE TENSILE BEHAVIOUR OF ELECTRON BEAM MELTED Ti-6Al-4V
Ayad KAKEI, Mustafa Wahby Kanbar JABER, Ali Hussein ABDULKARİM, Amer Najat Najmaldeen KAKAHY, Jayantha Ananda EPAARACHCHI	University of Kirkuk, Ministry of Higher Education and Scientific Research, University of Southern Queensland	LIFE-CYCLE FINITE ELEMENT MODELLING OF SELF-EXPANDING NITINOL STENTS: FROM CRIMPING TO PULSATILE LOADING

DRAFT

In-Person

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 15.30-16.45

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Chelang A. ARSLAN

Author	University	Presentation Title
Assoc. Prof. Dr. Eyup KOCAK, Assoc. Prof. Dr. Ece AYLI	Cankaya University, Gazi University	EXPLAINABLE STACKING ENSEMBLE WITH PHYSICS-INFORMED FEATURES FOR HEATING AND COOLING LOAD PREDICTION IN RESIDENTIAL BUILDINGS
Daris Fajar RAMADHAN	Universitas Indonesia	NUMERICAL INVESTIGATION OF HEAT DISTRIBUTION IN A ROTARY DRYER FOR OLIVE LEAF DRYING UNDER DIFFERENT HEATER TEMPERATURES AND ROTATIONAL SPEEDS
Araş. Gör. Betül DEMİRCİ, Doç. Dr. Nureddin DİNLER	Başkent Üniversitesi, Gazi Üniversitesi	İKİ KATLI BİR BİNADA MERDİVEN KAPISI DURUMUNUN DÜŞEY DUMAN YAYILIMINA ETKİSİNİN FDS TABANLI İNCELENMESİ
Umut ÜNAL, Prof. Dr. Oğuzhan YILMAZ	Gazi Üniversitesi	HAVACILIK YAPISAL PARÇALARININ TAMİRİNDE EKLEMELİ İMALAT YÖNTEMLERİNİN KARŞILAŞTIRMALI DEĞERLENDİRMESİ
İsa Melih GÖK, Zehra BAYIN, Ekrem SAVAŞ	Meka Global Makine İmalat Sanayi ve Ticaret A.Ş.	BETON MİKSERİ AŞINMAZ ELEMANLARINDA TRİBOLOJİK PERFORMANS OPTİMİZASYONU: NI-HARD 4, %26Cr-0,5Mo, %13-15Cr VE %24-26Cr ALAŞIMLARININ ASTM G65-04 VE SERTLİK ANALİZLERİ İLE KARŞILAŞTIRMALI METALÜRJİK DEĞERLENDİRMESİ

DRAFT

Online

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 10.30-12.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assist. Prof. Dr. Adnan Ajam ABED (Chemical Engineering)

Author	University	Presentation Title
Res. Asst. Ayşe Seda APAYDIN, Prof. Dr. Pelin ONSEKİZOĞLU BAĞCI	Trakya University	ARTIFICIAL INTELLIGENCE IN MEMBRANE TECHNOLOGIES FOR FRUIT JUICE PROCESSING: FLUX PREDICTION, FOULING, AND MEMBRANE DESIGN
Lamiya RUSTAMOVA	Baku Higher Oil School (BHOS)	EVALUATION OF THE INFLUENCE OF GEOLOGICAL AND TECHNOLOGICAL FACTORS ON OIL RECOVERY DURING DISPLACEMENT OF OIL BY WATER OF DIFFERENT MINERAL COMPOSITION IN CLAYEY RESERVOIRS
Nurzat SHAIKIEVA, Aichurok MAZHITOVA, Mustafa DOLAZ	Kyrgyz-Turkish Manas University	DETERMINATION OF TOXIC BISPHENOL-A CONTENT IN PAPER PRODUCTS
Feriel DORBANNE, ABDESSELAM SAOUD	Mhamed Bougara University of Boumerdes	SYNTHESIS AND CHARACTERIZATION OF MO–V/AL_2O_3 CATALYSTS
Asst. Lect. Inji Hidayat ANWAR, Asst. Lect. Liqaa İbrahim HADI, Asst. Lect. İhsan Hassan HÜSEYİN	University of Kirkuk, Northern Technical University	ESTIMATING ELECTRICITY GENERATION FROM FLARED ASSOCIATED GAS TO SUPPLY RESIDENTIAL NEIGHBOURHOODS IN KIRKUK
Assist. Lect. Darya Khalid Faidhllah AL-KAKİ, **Assist. Prof. Dr. Yahya J. TAWFEEQ**, Assist. Prof. Dr. Muhammed Adil İSMAİL	University of Kirkuk	ESTIMATION OF UNCONFINED COMPRESSIVE STRENGTH, STATIC YOUNG'S MODULUS AND SHEAR SLOWNESS OF LIMESTONE FROM SONIC AND DENSITY DATA
Janyl ISKAKOVA, Nurzat SHAİKİEVA, Mustafa DOLAZ	Kyrgyz-Turkish Manas University	VALORIZATION OF ACORN STARCH AS A RENEWABLE BIOPOLYMER FOR SUSTAINABLE FOOD PRESERVATION
Zilola ABDUGAFFOROVA, **Assoc. Prof. Dr. Bakhtiyor GANIYEV**	Bukhara State University	COMPARATIVE UV–VIS SPECTROSCOPIC PROFILING OF ROSEMARY (ROSMARINUS OFFICINALIS L.) EXTRACTS FROM IN VITRO

DRAFT

		MICROPROPAGATED AND CONVENTIONALLY GROWN PLANTS
Rasha W. ALKHATEEB, **Raghad N. MOHAMMED,** Dania K. ALI, Noor A MOHAMMED	University of Baghdad	PHOTOCATALYTIC DEGRADATION OF SYNTHETIC WASTEWATER USING SYNTHESIZED TIO2 NANOPARTICLES: A RESPONSE SURFACE METHODOLOGY APPROACH

DRAFT

Online

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 13.30-15.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Birol KAYRANLI (Chemical Engineering)

Author	University	Presentation Title
Nur DEDE, Doç. Dr. İlknur KÜÇÜK	Yıldız Teknik Üniversitesi	ENDÜSTRİYEL KENEVİR (Cannabis sativa L.) KAYNAKLI KARBON KUANTUM NOKTALARININ SENTEZİ, PROSES DEĞİŞKENLERİNİN VE KUANTUM VERİMİNİN BOX–BEHNKEN TASARIM YÖNTEMİ (BBD) İLE İNCELENMESİ
Gülmira Su GAZELOĞLU, Doç. Dr. İlknur KÜÇÜK, Prof. Dr. Dilek DURANOĞLU DİNÇER	Yıldız Teknik Üniversitesi	MUŞMULA (*MESPILUS GERMANICA*) ÇEKİRDEKLERİNDEN KARBON KUANTUM NOKTALARININ HİDROTERMAL SENTEZİ VE OPTİMİZASYONU
Abdulmajed MOHAMED, Sarmad FAKHRADEEN, Mehmet ÖZKAYMAK, Shireen BADAWANI	University of Kirkuk, University of KTO Karatay	KERKÜK DÜZENLİ DEPOLAMA SAHASINDA ÇÖP GAZI OLUŞUMU VE ELEKTRİK GERİ KAZANIM POTANSİYELİ: LANDGEM İLE BİR ÖN DEĞERLENDİRME ÇALIŞMASI
Hilal Ebru AKAN DEMİR, Prof. Dr. Murat BİLEN	Gazi Üniversitesi	ALTERNATİF BİR YÖNTEM İLE BOR KARBÜR SENTEZİ
Erva Sudenur KAYA, Dr. Öğr. Üyesi Özgü YÖRÜK	Gazi Üniversitesi	CALENDULA OFFICINALIS TOHUM YAĞI VE ALTHAEA OFFICINALIS MÜSİLAJININ SİNERJİSTİK ETKİSİYLE GELİŞTİRİLEN DOĞAL EMÜLGATÖR DESTEKLİ KREM: FORMÜLASYON, KARAKTERİZASYON VE STABİLİTE
Celil ELİTAŞ, Yük. Kimya Mühendisi Zeliha Betül KOL, Prof. Dr. Dilek DURANOĞLU	Yıldız Teknik Üniversitesi	KROM ADSORPSİYONUNUN SÜREKLİ AKIŞ SİMÜLASYONU
Buse YÜKSEL, Erdinç KAÇAR, Hale AKANSU, Irem Nur AÇIKGÖZ, Irem Nur GÖNÜLTAŞ,	Gazi University,	INVESTIGATION OF Fe-Mo CATALYSTS FOR HYDROGEN PRODUCTION THROUGH CATALYTIC HYDROGEN SULFIDE DECOMPOSITION

DRAFT

Mert Yekta DOGAN, Sena YASYERLI7		
Ömer PARLAK, Prof. Dr. Birol KAYRANLI	Gazi Üniversitesi	EVSEL ATIKSU ARITMA ÇAMURLARINDA AĞIR METAL GİDERİMİNİN ARAŞTIRILMASI
Mustafa DEMİREZEN, Prof. Dr. Birol KAYRANLI	Gazi Üniversitesi	EVSEL ATIKSU ARITMA TESİSİ ÇAMURLARINDA AĞIR METAL KONSANTRASYONLARININ MEVSİMSEL DAĞILIMININ VE DEĞİŞİM EĞİLİMLERİNİN BELİRLENMESİ

DRAFT

02.12.2026/ SESSION-1 / HALL-3

Istanbul LocalTime: 15.00-17.00

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Kamil ARSLAN (Civil Engineering)

Author	University	Presentation Title
Nasma A. SABER, Prof. Dr. Chelang A. ARSLAN	Kirkuk University	PARAMETRIC DESIGN AND SHAPE OPTIMIZATION OF CONCRETE ARCH DAMS: A SYSTEMATIC REVIEW OF DESIGN VARIABLES, OBJECTIVE FUNCTIONS, COMPUTATIONAL METHODS, AND MACHINE LEARNING-ENHANCED APPROACHES
Fatima Khaleel ABDULRAHMAN, Prof. Dr. Chelang A.ARSLAN	University of Kirkuk	SHAPE OPTIMIZATION FOR CONCRETE GRAVITY DAMS: REVIEW OF ALGORITHMS, CONSTRAINTS, AND VARIABLES OF DESIGN
Justine Jasper BAGANDA, Prof. Dr. Erkan ÇELEBİ	Sakarya University	EFFECTS OF BACKFILL CONDITIONS ON THE STRUCTURAL RESPONSE OF RC BRIDGE PIERS
Prof. Assistant Saddam Kh. FALEH, Lecturer Assistant Sattar J. HASHIM, Prof. Dr. Aqeel H. CHKHEIWER, Prof. Dr. Ihab S. SALEH	University of Basrah	ULTIMATE LOAD CAPACITY OF FLAT SLABS MADE WITH CRUSHED MELTED BRICKS AS COARSE AGGREGATE
Anas Attellah Ali SHOSHAN, Doç. Dr. Mustafa Kürşat ÇUBUK, Doç. Dr. Ebru ARIKAN ÖZTÜRK	Kerkük Üniversitesi, Gazi Üniversitesi	DELPHİ TEKNİĞİ İLE AKILLI ULAŞIM SİSTEMLERİ UYGULAMALARININ ÖNCELİKLENDİRME KRİTERLERİNİN BELİRLENMESİ
Dr. Öğr.Üyesi Rukiye KOÇKAR TUĞLA	Kastamonu Üniversitesi	FAZ DEĞİŞTİRİCİ BİR MALZEMENİN BETONDA DOĞRUDAN KULLANIMI: DENEYSEL BİR ÖN ÇALIŞMA
İnşaat Müh. Merve MENGEŞ, Doç.Dr. Barış ERDİL, Dr. Ögr. Üyesi, Harun CEYLAN	Yüzüncü Yıl Üniversitesi	ÇİVİLİ BİRLEŞİME SAHİP ÇAPRAZLI AHŞAP ÇERÇEVENİN DAVRANIŞI

DRAFT

Caner GÜNGÖR	Kambeton A.Ş. Ar-Ge Merkezi	ELEKTRİK NAKİL HATTI (ENH) DİREKLERİNDE SPİRAL SARIM YÖNÜNÜN BURULMA DAVRANIŞINA VE TAŞIMA KAPASİTESİNE ETKİSİ

DRAFT

02.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 16.00-17.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Hakan ÇERÇİOĞLU (Mechanical-Industrial Engineering)

Author	University	Presentation Title
Recep Mert AVCI, Prof. Dr. Onur YEMENİCİ	Bursa Uludağ Üniversitesi	ENDÜSTRİYEL KONVEKSİYONLU FIRINDA BAL PETEĞİ HAVA PERDESİ VE FAN HIZININ SICAKLIK FARKINA ETKİSİNİN İNCELENMESİ
HAKAN YONTAR, Assist. Prof. Dr. SALİH KARAASLAN	Gazi University, Kochendörfer Hydro Elektromekanik San. Ve Tic. A.Ş.	INVESTIGATION OF INTERNAL FLOW DYNAMICS IN PELTON TURBINE NOZZLES USING COMPUTATIONAL FLUID DYNAMICS AND ANALYSIS OF VELOCITY DISTRIBUTIONS
Emre KURTOGLU, Oguz TURGUT, Murat PARLAK	Gazi University, Aselsan A.Ş.	A COMPREHENSIVE REVIEW OF NATURAL AND BIOINSPIRED THERMOHYDRAULIC ENHANCEMENT STRATEGIES
Asst. Prof. Dr. Fatih DEMİR	Erzincan Binali Yıldırım University	HIGH HEAT FLUX ELECTRONIC EQUIPMENT COOLING: NUMERICAL INVESTIGATION OF THERMO-HYDRAULIC PERFORMANCE IN A PIN-FINNED LIQUID METAL MINI-CHANNEL HEAT SINK
Doç. Dr. Bahar ÖZYÖRÜK	Kırgızistan-Türkiye Manas Üniversitesi, Gazi Üniversitesi	CEVİZ ATIKLARININ DÖNGÜSEL EKONOMİYE KATKISI İÇİN AHP-TOPSIS TABANLI BÜTÜNLEŞİK TESİS YER SEÇİMİ KARARI
Ece Zeynep AKTAŞ, Doç. Dr. Hakan ÇERÇİOĞLU	Gazi Üniversitesi	DEMİRYOLU GELİR YÖNETİMİNDE SANSÜRLENMİŞ TALEP VERİLERİNDEN KISITLANMAMIŞ TALEP PARAMETRELERİNİN TAHMİNİ

DRAFT

Online

03.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 09:00-10.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Ece Ülkü AYLI (Computer Engineering)

Author	University	Presentation Title
Amrah MIKAYILOV	Baku Higher Oil School	IN-KERNEL L2 DOS MITIGATION: EBPF/XDP BENCHMARKING AGAINST OVS
Assoc. Prof. Dr. Shkelqim HAJRULLA, M.Sc. Henri ISUFI, Dr. Leonard BEZATI, Dr. Taylan DEMIR	Epoka University, University of Vlora, Cankaya University	DEVELOPMENT OF NUMERICAL OPTIMIZATION ALGORITHMS FOR MULTIPLE CYBERSECURITY TASKS
Assoc. Prof. Dr. Shkelqim HAJRULLA, Dr. Taylan DEMIR, Assoc. Prof. Dr. Loubna ALI	Epoka University, Cankaya University, Berlin School of Business and Innovation	MATHEMATICAL MODELS ON SECURITY SYSTEMS
Res. Asst. Dr. Aybüke BABADAĞ	Konya Technical University	A BINARY DETECTIVE BEHAVIOR ALGORITHM FOR SOLVING THE UNCAPACITATED FACILITY LOCATION PROBLEM
Asst. Prof. Dr. Aydın ERDEN	Marmara University	GATED AT THE SOURCE, OPEN DOWNSTREAM: HOW ACCESS AND LICENSE RESTRICTIONS TRAVEL ALONG MODEL DERIVATIVE CHAINS ON HUGGING FACE
M.Sc. Rediana HELSHANI, Asoc. Prof. Dr. Alban RAKIPI, Prof. Dr. Aleksander BIBERAJ	Polytechnic University of Tirana	INBOUND COMPETITION AND PARKING ACCESS TIME: A BASELINE SUMO ANALYSIS OF THE ALI DEMI CORRIDOR IN TIRANA
Dr. Tanon Lambert KADJO	Intitut National Polytechnique Félix HOUPHOUET-BOIGNY	HMB-QOE: A HYBRID HUMAN–MACHINE–BUSINESS QUALITY OF EXPERIENCE MODEL FOR CONNECTED INDUSTRY SERVICES

DRAFT

December 2-3, 2026| Ankara, Türkiye

Online

03.12.2026/ SESSION-1 / HALL-2

Istanbul LocalTime: 09:00-10.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Tamer ÇALIŞIR (Mechanical Engineering)

Author	University	Presentation Title
Enes KURT, **Tunç Başar YILDIRIM,** Celal NAZLI, Mehmet GÜRDAL, Kamil ARSLAN	Ankara Yıldırım Beyazıt University, Kastamonu University	NUMERICAL INVESTIGATION OF THERMO-HYDRAULIC PERFORMANCE IN FORCED-CONVECTION IMMERSION COOLING OF ELECTRIC VEHICLE BATTERY MODULES
Mohammad HAJIMOHAMMADI, **Prof. Dr. Mohammad KALTEH**, Dr. Tamer CALISIR	Golestan University, Gazi University	NUMERICAL INVESTIGATION OF THE HYDROTHERMAL PERFORMANCE OF A SPIRAL MINI-CHANNEL HEAT SINK WITH ONE INLET AND TWO OUTLETS: INFLUENCE OF DIFFERENT RIB GEOMETRIES ON THE CHANNEL WALL
Tunahan SAĞIR, Dr. Tamer CALISIR, **Dr. Barış Burak KANBUR**	Gazi University, Southern Denmark University	STUDY OF HEAT TRANSFER ENHANCEMENT ON A SURFACE OF IMPINGING SYNTHETIC JET BY USING AIR-AUGMENTED DUCT
Mustafa Hussein BAHAULDDİN, **Ahmed Saadallah SALMAN**, Saygin Siddiq AHMED, Sarah Waleed KAZNCİ, Ali Hussein ABDULKARİM, Andaç Batur ÇOLAK	Northern Technical University, Imam Ja'afar Al-Sadiq University, University of Kirkuk, Niğde Ömer Halisdemir University	EVALUATION OF COAGULATION/FLOCCULATION AND OZONE OXIDATION PROCESSES FOR THE REMOVAL OF SYNTHETIC FOOD COLORANTS FROM WASTEWATER
Dr. Emrehan GÜRSOY, Dr. Hüseyin KAYA, Prof. Dr. Oronzio MANCA	Recep Tayyip Erdoğan University, Bartın University, Università degli Studi della Campania "Luigi Vanvitelli"	VOLUMETRIC ENTROPY GENERATION ANALYSIS IN A RECTANGULAR HEAT EXCHANGER: SYNERGETIC EFFECT OF GRADIENT METAL FOAMS, INCLINATION ANGLES, AND FINS
Dahliyah HAYATI, Assoc. Prof. Dr. Guilherme Luz TORTORELLA, Prof. Dr. Kevin OTTO	The University of Melbourne	DIGITAL TECHNOLOGY ADOPTION AND BUSINESS PERFORMANCE A COMPARATIVE MEASUREMENT FRAMEWORK USING OFFICIAL STATISTICS FROM THE UNITED KINGDOM, AUSTRALIA, AND INDIA

DRAFT

Online

03.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 11:00-12.15

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Ahmed Burhan MOHAMMED (Computer Engineering)

Author	University	Presentation Title
Moustafa MOUSTAFA, Assoc. Prof. Dr. Emir ÖZTÜRK	Trakya University	SKIN LESION SEGMENTATION IN DERMOSCOPIC IMAGES WITH U-NET-BASED ARCHITECTURES: A COMPARATIVE STUDY FOR MELANOMA DETECTION
M.Sc. Student Dogucan TAZEGUL, Assoc. Prof. Dr. Ergun YARANERİ, Dr. Vedat DELİCAN	Istanbul Technical University	DETECTING ARTEFACT TAMPERING IN WINDOWS TIMELINES WITH IMPLICIT SEQUENCE INFORMATION: METHOD, FROZEN EVALUATION PROTOCOL AND PILOT OBSERVATIONS
Dr. Berker BAYDAN	Havelsan Inc.	BEYOND FRAME-LEVEL CONSISTENCY: A CRITICAL REVIEW OF OBJECT IDENTITY PERSISTENCE AND TRACKING-BASED EVALUATION IN AI-GENERATED VIDEOS
Tuğba TOKAT TAŞYÜREK, Doç. Dr. Nuh AZGINOĞLU	Kayseri Üniversitesi	COĞRAFİ BİLGİ SİSTEMLERİ TABANLI MEZARLIK İÇİ ROTA PLANLAMASINDA A*, DİJKSTRA VE D* LİTE ALGORİTMALARININ KARŞILAŞTIRMALI PERFORMANS ANALİZİ
Ömer USLUSOY	İstanbul Topkapı Üniversitesi	SINIRLI VERİYLE YÜZ İFADESİNDEN DUYGU TANIMADA CLAHE ÖN İŞLEMESİNİN ETKİSİ VE MODEL HATALARININ PSİKOLOJİK YORUMU

DRAFT

December 2-3, 2026| Ankara, Türkiye

Online

03.12.2026/ SESSION-1 / HALL-2

Istanbul LocalTime: 11:00-12.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Ayad KAKEI (Mechanical Engineering)

Author	University	Presentation Title
Sherzod KURBANBEKOV, Shukur ABDUZHAPPAROV, **Sardor KAMBARBEKOV**, Berik KALDAR	Akhmet Yassawi International Kazakh-Turkish University	HIGH VELOCITY OXY-FUEL (HVOF) SPRAYED TiO_2 COATINGS FOR HYGIENIC AND CORROSION-RESISTANT HIGH-TOUCH SURFACES ON SHIPS: A REVIEW
Arsalan Nabil SHAKİR, Dr. Omed Akber ABBASS	University of Kirkuk	INFLUENCE OF PERFORATION GEOMETRY ON FORCED CONVECTION HEAT TRANSFER FROM PLATE FIN HEAT SINKS: A REVIEW
Archana SHIRKE, Madhav. M. CHANDANE, Shubhangi VAIKOLE, Sachin SHINDE, **Sachin SALUNKHE**, Lenka CEPOVA	Fr. Conceicao Rodrigues Institute of Technology, Veermata Jijabai Technological Institute, Datta Meghe College of Engineering, Saveetha Institute of Medical and Technical Sciences, Gazi University, 7VSB-Technical University of Ostrava	AN OPTIMIZED MACHINE LEARNING APPROACH BASED ON OFFLOADING POLICY IN THE INTERNET OF THINGS ENVIRONMENT
Ganesh RAHATE, Nilkanth CHOPADE, Sunita DESHMUKH, Ashok SURYAWANSHI, Girish GIDAYE, Vidya KUBDE, Sachin Manohar SHINDE, **Sachin SALUNKHE**	Pimpri Chinchwad College of Engineering, K.J.College of Engineering, Vidyalankar Institute of Technology, Datta Meghe College of Engineering, Saveetha Institute of Medical and Technical Sciences, Gazi University	A SIMPLIFIED VERTICAL HANDOFF ALGORITHM BASED ON IEEE 802.21 FOR URBAN VEHICULAR TRAFFIC IN HETEROGENEOUS WIRELESS NETWORKS
Mohamed ELSAYED, Hussein Mohamed ABDELMONEAM,	Helwan University, Saveetha Institute of Medical and Technical Sciences,	AUTOMATION OF BLANKING DIE DESIGN USING PYTHON PROGRAMMING AND SPACECLAIM PLATFORM

DRAFT

Moustafa Mohammed ZAKI, **Sachin SALUNKHE**, Ahmed Hamed KHALIL, AbdelRauf Mawloud Ahmed ALMAHROUQ, Dalia M. AMMAR, Reham A. ELTUHAMY, Lenka CEPOVA	Gazi University, Egypt-Japan University of Science and Technology, Sabratha University, Pharos University, Ahram Canadian University, VSB-Technical University of Ostrava	
Dr. Yelda ALTINSOY, Prof. Dr. Hüseyin TOPAL	Republic of Türkiye Ministry of Energy and Natural Resources, Gazi University	EXPERIMENTAL INVESTIGATION OF PYROLYSIS-GASIFICATION PROPERTIES OF SUNFLOWER HUSK WASTE

DRAFT

Online

03.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 13:30-15.45

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Saffet AYASUN (Electrical and Electronics Engineering)

Author	University	Presentation Title
Engr. Abubakar Sani MUHAMMAD	Kano State Polytechnic	HUMAN-FACTOR-DRIVEN FIRE-OUTBREAK MECHANISMS IN SOLAR PHOTOVOLTAIC INSTALLATIONS: FROM INSTALLATION ERRORS TO ELECTRICAL IGNITION
Nadheer M. MOHAMMED, Yasir M. Y. AMEEN, Basil M. SAIED	University of Mosul	NONLINEAR PI CONTROL OF A BIDIRECTIONAL CLLLC BATTERY CONVERTER: LOWER INRUSH AND SMOOTHER SWITCHING FREQUENCY
Arsen Ahmed MOHAMMED	University of Kirkuk	INTEGRATION OF MEMRISTORS WITH FINFET TRANSISTOR CIRCUITS FOR ENERGY-EFFICIENT AND HIGH-DENSITY DATA-INTENSIVE SYSTEMS
Federico LERRO, Alejandra ROSOLIO, Maria Gabriela MOSCATO, Javier RODRIGUEZ	Universidad Nacional de Rosario	EVOLUTION OF A REMOTE OSCILLATING PENDULUM LABORATORY FOR INTRODUCTION TO PHYSICS
Zahraa A. AL-RUBAIE, Ibrahim Khalil SILEH	Tikrit University	JOINT OPTIMIZATION OF ADAPTIVE RELAY JAMMING AND POWER ALLOCATION FOR SECURE MASSIVE MIMO–PASS–NOMA NETWORKS UNDER IMPERFECT CSI
M.Sc. Anduel KUQI, M.Sc. Ambra KORRA, Prof. Dr. Indrit ENESI	Polytechnic University of Tirana	3D CAMERA RECONSTRUCTION UNDER JPEG RECOMPRESSION WITH COLMAP AND MESHROOM
Mustafa Semih SADAK	Piri Reis University	TEMPORAL AND EXCEPTION CONSISTENCY IN SYNTHETIC NOTAM INTERPRETATION: A CONTRASTIVE EVALUATION
Arş. Gör. Abdullah ORAN	Abdullah Gül Üniversitesi	HARMONİK KİP KİLİTLİ LAZERLERDE DÖNGÜ GECİKMESİNİ TELAFİ EDEN ÖNGÖRÜLÜ FAZ MODÜLASYONU İLE GENLİK GÜRÜLTÜSÜ BASTIRIMI

DRAFT

Dr. Öğr. Üyesi Erkan KIYMIK, Uzm. Dr. Emre KIYMIK	Hasan Kalyoncu Üniversitesi, Akdeniz Üniversitesi	KRONİK İSHALLİ ÇOCUKLARDA CİDDİ ALTTA YATAN HASTALIĞIN RUTİN LABORATUVAR VERİLERİ VE MAKİNE ÖĞRENMESİ İLE ÖNGÖRÜLMESİ

DRAFT

Online

03.12.2026/ SESSION-1 / HALL-2

Istanbul LocalTime: 13.30-15.00

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Assoc. Prof. Dr. Nureddin DİNLER (Mechanical Engineering)

Author	University	Presentation Title
Elif SÖYLEMEZ, Assoc. Prof. Dr. Rıdvan GECÜ	Yıldız Technical University	EFFECT OF SOLUTION TREATMENT TEMPERATURE ON THE MECHANICAL AND MICROSTRUCTURAL PROPERTIES OF INCONEL 718 SUPERALLOY
Fahreddin SUSAR, Sertaç ÇADIRCI	Istanbul Technical University, ASELSAN	HEAT TRANSFER ENHANCEMENT WITH A SHEET GYROID IN A JP-8-COOLED SERPENTINE COLD PLATE
Lairedj ABDELAZIZ, Tehrichi ZAHIRA	University Tahri Mohammed of Bechar	BENDING ANALYSIS OF LAMINATED COMPOSITE CIRCULAR CYLINDRICAL SHELLS UNDER PREBUCKLING
Prof. Ms. Eng. Omar ELASKAR, Prof. Eng. Martin PILATI	Universidad Nacional de Cordoba	ANALYSIS OF LIFT GASES FOR BALLOON-LAUNCHED PSEUDO-SATELLITES
Prof. Dr. Sokol MATI	Polytechnic University	RECYCLING OF CHROMIUM SOLID MINING WASTE, TAILINGS AND SLAGS THE RIGHT STEP TOWARD CIRCULATION ECONOMY
Prof. Dr. Gabil MAMMADOV, Narmin ABDİYEVA, **Assoc. Prof. Dr. Urfan TAGHİYEV**, Dr. Bahruz Aliyev, Svetlana KATİBLİ	Azerbaijan State Agrarian University	CONSTRUCTION OF A MIXING EQUATION BASED ON A WORKING HYPOTHESIS FOR SCATTERING COMPONENTS

DRAFT

December 2-3, 2026| Ankara, Türkiye

Online

03.12.2026/ SESSION-1 / HALL-1

Istanbul LocalTime: 16:00-17.30

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Chelang A. ARSLAN (Civil Engineering)

Author	University	Presentation Title
Ali J. OLEIWI, Prof. Dr. Chelang A. ARSLAN	University of Kirkuk	PARTICLE SWARM OPTIMIZATION FOR MINIMUM-COST DESIGN OF LARGE-SPAN REINFORCED CONCRETE BOX CULVERTS
Dr. Nasiru DANLAMI, Engr. Ahmad BATARI, **Prof. Muttaka Na'iya IBRAHIM**	Bayero University, Abubakar Tafawa Bakewa University	EVALUATION OF STREAM EQUIVALENT FOLLOW-UP HEADWAY AT CENTRAL ROUNDABOUT, GOMBE, NIGERIA UNDER MIXED TRAFFIC CONDITION
Engr. Ahmad BATARI, Dr. Nasiru DANLAMI, Prof. Muttaka Na'iya IBRAHIM	Bayero University, Abubakar Tafawa Bakewa University	PARTIAL CALIBRATION OF HCM6 MODELS FOR PREDICTING ENTRY CAPACITY OF URBAN MULTILANE ROUNDABOUTS IN NORTHERN NIGERIA
Asst. Prof. Dr. Shno M. ALI, Prof. Dr. Chelang A. ARSLAN, Asst lec. Noor MOHAMMED, Prof. Dr. Abeer I. ALWARED	University of Kirkuk, University of Baghdad	METHYLENE BLUE PHOTODEGRADATION USING A RECYCLABLE HETROJUNCTION Z-SCHEME G-C3N4/FE3O4/CUWO4/CUO PHOTOCATALYST WITH ENHANCED SEPARATION OF CHARGE PERFORMANCE: MECHANISM INVESTIGATIONS
Muna Mohammed TAQI	Al-Nahrain University	STRUCTURAL ANALYSIS OF URBAN STREET NETWORK IN THE ERBIL CITADEL
Tanya Ekram MAHMOOD, **Majid HAMED,** Qubad Sabah HASEEB, Ali Kadhim IBRAHIM	University of Kirkuk, University of Mustansiriyah	ENHANCEMENT OF SOME MECHANICAL PROPERTIES OF GYPSIFEROUS SOIL USING FLY ASH-BASED GEOPOLYMER

DRAFT

December 2-3, 2026| Ankara, Türkiye

Online

03.12.2026/ SESSION-1 / HALL-2

Istanbul LocalTime: 15.30-17.15

Meeting ID:...../ Passcode:.....

HEAD OF SESSION: Prof. Dr. Nuri YÜCEL (Mechanical Engineering)

Author	University	Presentation Title
Faraz EGE, Darshan G Pahinkar	Florida Institute of Technology	FABRICATION AND EXPERIMENTAL DEMONSTRATION OF A COMPACT ADSORBENT-COATED HEAT EXCHANGER FOR ADSORPTION HEAT PUMPS
Aveen Akbar HAYYAS, Ayad Arab KAKEI, Ali Hussein ABDULKARIM, Mustafa Wahby Kanbar JABER, Ahmed Burhan MOHAMMED	University of Kirkuk, Ministry of Higher Education and Scientific Research	PHASE CHANGE MATERIALS FOR THERMAL ENERGY STORAGE: A CRITICAL REVIEW OF MATERIALS, ENHANCEMENT STRATEGIES, APPLICATIONS AND OPEN CHALLENGES
Alisahib SOLTANOV	Odlar Yurdu University	SUSTAINABLE DEVELOPMENT OF THE ECONOMY BLACK GOLD AND TRANSITION TO GREEN ENERGY
İlkin ALİYEV, Prof. Dr. İsa KHALILOV	Azerbaycan Teknik Üniversitesi	6×6 BİR TAŞITIN ÇİFT SALINCAKLI SÜSPANSİYONUNDA ALT SALINCAĞIN YARI STATİK YÜK ANALİZİ
İlkin ALİYEV, Prof. Dr. İsa KHALILOV	Azerbaycan Teknik Üniversitesi	6×6 TAŞITLARDA RASTGELE YOL PROFİLLERİNE GÖRE TEKERLEK STROKU GEREKSİNİMİNİN DEĞERLENDİRİLMESİ
Halil İbrahim CANBAZ, Prof. Dr. Tuncay KARAÇAY	Gazi Üniversitesi	EKLEMELİ İMALAT YAPILARINDA HAPSEDİLMİŞ TOZUN SAYISAL MODELLENMESİ: MODAL ANALİZDE İKİ FARKLI YAKLAŞIMIN KARŞILAŞTIRILMASI
Aynura I. KHUDIYEVA	Azerbaijan University of Architecture and Construction	WAVE ENERGY FLUX IN WATER OF FINITE DEPTH: ERROR BOUNDS OF THE DEEP-WATER APPROXIMATION IN WAVE RESOURCE ASSESSMENT
Aynura I. KHUDIYEVA	Azerbaijan University of Architecture and Construction	TRANSMISSION LOSS OF AIR-BUBBLE CURTAINS FOR UNDERWATER PILE-DRIVING NOISE: A DESIGN CRITERION BASED ON THE BUBBLY-LIQUID MODEL

DRAFT