



**BMU**  
BAKI MÜHƏNDİSLİK UNIVERSİTETİ



# IFEC2025

## II. INTERNATIONAL FUTURE ENGINEERING CONFERENCE

*APRIL 28-29, 2025 / BAKU, AZERBAIJAN*  
*Baku Engineering University*

## CONFERENCE PROGRAM

**Zoom Meeting ID: 862 1528 3413**

**Zoom Passcode: 282928**

<https://us02web.zoom.us/j/86215283413?pwd=nDqzuNrtv2OR6hMh0wJrZIUvC3uqGD.1>

Participant Countries (19): Azerbaijan, Türkiye, Kazakhstan, Indonesia, Israel, Morocco, United Kingdom, Pakistan, Nigeria, Algeria, Russia, Romania, Kosovo, Hungary, Czech Republic, Tunisia, Saudi Arabia, India, France

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# -OPENING CEREMONY-

Baku Engineering University  
28.04.2025

Baku Local Time: 11:00 – 12:00

Ankara Local Time: 10:00 – 11:00

Zoom Meeting ID: 862 1528 3413 / Zoom Passcode: 282928

<https://us02web.zoom.us/j/86215283413?pwd=nDqzuNrtv2OR6hMh0wJrZIUvC3uqGD.1>

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HONORARY PRESIDENT (Azerbaijan)

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**Assoc. Prof. Dr. Asaf Tolga ÜLGEN**

Şırnak University  
SCIENTIFIC BOARD HEAD (Türkiye)

**Dr. Alvan CAFAOV**

Head of IKSAD Azerbaijan

**28.04.2025 / FACE-TO-FACE SESSION- H1**

**Baku Engineering University**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

**Moderator:**

<b>Title</b>	<b>Author(s)</b>	<b>Affiliation</b>
CYBER ATTACKS ON SMART GRIDS	Dr. Abdulla Asim Ayaz	Nakhchivan State University, Azerbaijan
NONCOVALENT INTERACTION OF PHENYLHYDRAZONES	Prof. Dr. Namiq Shikhaliyev Dr. Gulnar Atakishiyeva Ayten Qajar Shafiga Ibrahimova Arzu Nifteliyeva Irada Shikhaliyeva Abel Maharramov	Baku Engineering University, Azerbaijan
BOLD THE IMPACT OF ARTIFICIAL INTELLIGENCE IN ARCHITECTURE AND INTERIOR ARCHITECTURE EDUCATION ON THE LEARNING PROCESS	Assoc. Prof. Dr. Arzu MAMMADOVA	Baku Engineering University, Azerbaijan
COMPARATIVE ANALYSIS OF FORECASTING METHODS FOR AZERBAIJAN'S GDP	Elvin Nasirov Ulvi Suleymanov	Baku Engineering University, Azerbaijan
BIS(4-AMINOPHENYL)METHANONE DERIVATIVES FOR PEROVSKITE SOLAR CELLS	Ravan Rahimov Narmina Guliyeva Narmin Gojali Eldaniz Nubar Musazada Eldar Elsun Azizov	Baku Engineering University, Azerbaijan University of Strasbourg, France
ENVIRONMENTAL ASPECTS OF THE USE OF BENZALDEHYDE IN THE SYNTHESIS OF DICARBOXYLATES	Namiq Shikhaliyev Narmina Guliyeva Seljan Hasanli Mehman Aysel Bashirova Nurida Farzaliyeva	Baku Engineering University, Azerbaijan
SYNTHESIS OF PHENYLHYDRAZONES BASED ON O, M, P-NITROBENZALDEHYDES	Prof. Dr. Namiq Shikhaliyev Dr. Gulnar Atakishiyeva Dr. Nigar Ahmedova Dr. Sevinç Muhtarova Assoc. Prof. Dr. Gulnara Babayeva Ayten Qajar Nurana Gurbanova	Baku Engineering University, Azerbaijan Baku State University, Azerbaijan Baku State University, Azerbaijan Azerbaijan Technical University, Azerbaijan Azerbaijan State Pedagogical University, Azerbaijan Baku State University, Azerbaijan Baku State University, Azerbaijan

**28.04.2025 / FACE-TO-FACE SESSION-H2**

**Baku Engineering University**

**Baku Local Time: 13:30 – 15:30**

**Ankara Local Time: 12:30 – 14:30**

**Moderator:**

<b>Title</b>	<b>Author(s)</b>	<b>Affiliation</b>
OXIDATION OF LIGNITE AND DETERMINATION OF FUNCTIONAL GROUPS USING FTIR	Assoc. Prof. Dr. Ferda MİNDİVAN Assist. Prof. Dr. Meryem GÖKTAŞ Züleyha TAŞKAN Prof. Dr. Ali BAYRAM	Bilecik Şeyh Edebali University, Türkiye Bursa Uludağ University, Türkiye
EFFECT OF DIFFERENT NEEDLE TIPS ON THE NANOFIBER DIAMETER AND CONTACT ANGLE OF ELECTROSPUN PAN NANOFIBERS	Assoc. Prof. Dr. Ferda MİNDİVAN Assist. Prof. Dr. Meryem GÖKTAŞ Prof. Dr. Harun MİNDİVAN Prof. Dr. Ali BAYRAM	Bilecik Şeyh Edebali University, Türkiye Bursa Uludağ University, Türkiye
FLOATING SOLAR POWER PLANTS FOR ELECTRIFICATION OF ON-CAMPUS TRANSPORTATION	Eyyub URAL Prof. Dr. Mehmet Azmi AKTACİR Assoc. Prof. Dr. Kemal KOCA Eyüp BEKÇİ	Harran University, Türkiye Abdullah Gül University, Türkiye Gazi University, Türkiye
EXAMINATION OF DESIGN MODELS OF FLOATING SOLAR POWER PLANTS	Eyyub URAL Prof. Dr. Mehmet Azmi AKTACİR Assoc. Prof. Dr. Kemal KOCA Eyüp BEKÇİ	Harran University, Türkiye Abdullah Gül University, Türkiye Gazi University, Türkiye
REALIZATION OF SOLAR POWER PLANT ELECTRICITY PRODUCTION ESTIMATION WITH MACHINE LEARNING ALGORITHMS: XGBOOST, LIGHTGBM	Assoc. Prof. Dr. Ömer Faruk EFE Jalilov Vugar	Bursa Technical University, Türkiye
INDUSTRIAL WASTEWATER TREATMENT USING HYBRID CRANBERRY (CORNUS MAS) SEEDS POWDER AND IRON SULFATE COAGULATION	Prof. Dr. Sakine UGURLU KARAAĞAÇ	Karabük University, Türkiye
INVESTIGATION OF THE SYNERGISTIC EFFECT ON FLAME RETARDANCY AND MECHANICAL PROPERTIES OF LDPE COMPOSITES OBTAINED BY USING KAOLIN WITH HUNTITE AND HYDROMAGNESITE	Pegah OSKOOEI Prof. Dr. Gül YILMAZ ATAY	Izmir Katip Çelebi University, Türkiye

**29.04.2025 / Session-1, Hall-1**  
**Baku Local Time: 10:00 – 12:00**  
**Ankara Local Time: 09:00 – 11:00**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Dr. Edip TAŞKESEN**

Title	Author(s)	Affiliation
PERSONALIZED TRAVEL MANAGEMENT AND SUGGESTION SYSTEM	Demet AYZAGÜN Zubair Tahir Yiğit Emre TÜRKKAN İlhan TARIMER	FreeLancer Software Engineer, Pakistan Muğla Sıtkı Koçman University, Türkiye
A TECHNOLOGICAL WEAPON: CYBER DEATH CHAIN	Mehmet Ali TEKELİ Prof. Dr. Fatih BAŞÇİFTÇİ	Selcuk University, Türkiye
AI AND THE FUTURE OF INDUSTRY: FROM AUTOMATION TO INTELLIGENT DECISION-MAKING	A. BECHCHAR A. SOULHI O. AKOURRI	Ecole Nationale Supérieure de Mines de Rabat, Morocco
MACHINE LEARNING APPROACHES FOR INTRUSION DETECTION IN WIRELESS NETWORKS	Asstt. Prof. Dr. Jogendra Kumar	G.B.Pant Institute of Engineering and Technology Pauri Garhwal Uttarakhand, India
INVESTIGATION ON TÜRKİYE AND AZERBAIJAN HIGHWAY SAFETY SYSTEMS AND TRAFFIC ACCIDENTS	Assist. Prof. Dr. Adem AHISKALI	Kastamonu University, Türkiye
VIRTUAL FITTING: POSSIBILITIES OF MODERN 3D CLOTHING DESIGN SOFTWARE FOR VISUALISATION OF DIPLOMA PRODUCTS	Belova Ekaterina Vyacheslavovna Kiseleva Marianna Vladimirovna	Russian State University A.N. Kosygin, Russia
POTENTIAL RISKS OF FOSSIL FUELS ON HUMAN AND ENVIRONMENTAL HEALTH	Mahsum KAZAN Dr. Edip TAŞKESEN	Şırnak University, Türkiye

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**29.04.2025 / Session-1, Hall-2**  
**Baku Local Time: 10:00 – 12:00**  
**Ankara Local Time: 09:00 – 11:00**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Prof. Dr. Idris KABALCI**

Title	Author(s)	Affiliation
EFFECT OF Ni AND Cu ADDITION TO CoCrMo ALLOY ON MECHANICAL PROPERTIES AND CORROSION RESISTANCE	Ömer Faruk GÜDER Prof. Dr. Aysel ERSOY	Istanbul University-Cerrahpaşa, Türkiye
SYNTHESIS OF PHENYLHYDRAZONES BASED ON O, M, P-NITROBENZALDEHYDES	Prof. Dr. Namiq Shikhaliyev Dr. Gulnar Atakishiyeva Dr. Nigar Ahmedova Dr. Sevinç Muhtarova Assoc. Prof. Dr. Gulnara Babayeva Ayten Qajar Nurana Gurbanova	Baku Engineering University, Azerbaijan Baku State University, Azerbaijan Azerbaijan Technical University, Azerbaijan Azerbaijan State Pedagogical University, Azerbaijan Baku State University, Azerbaijan
DEVELOPMENT OF BORON AND GRAPHENE ADDITIVE PACKAGING MATERIAL	Berrin TONYALI Prof. Dr. Fatih AKKURT Prof. Dr. Bilal DEMİREL	Gazi University, Türkiye Erciyes University, Türkiye
EVALUATION AND OPTIMIZATION OF TREATMENT PROCESSES FOR INDUSTRIAL WASTEWATER	FATIMA El Hankouri OUMAIMA Fraiha Bahouch Mohamed M'HAMED Ahari	Abdelmalek Essaadi University, Morocco
PHYSIOLOGICAL AND BIOCHEMICAL RESPONSES OF LEGUMES UNDER DROUGHT AND SALINITY STRESS	Assist. Prof. Dr. Murat TUNC Süreyya Betül RUFATIOGLU	Harran University, Türkiye
MACHINE LEARNING-BASED YIELD AND QUALITY PREDICTION MODELS	Süreyya Betül RUFATIOGLU Assist. Prof. Dr. Murat TUNC	Harran University, Türkiye
OPTIMAL CONCENTRATION EFFECT ON PHOTOLUMINESCENCE OF Mo 3+ ACTIVATED SOFT GLASSES NEAR IR EXCITATION FOR PHOTONIC APPLICATIONS	Prof. Dr. Idris KABALCI Assoc. Prof. Dr. Taimuratova Lidiya UNGARBAEVNA Prof. Dr. Ahmad MARZUKI	Uşak University, Türkiye Şırnak University, Türkiye Yessenov University, Kazakhstan Sebelas Maret University, Indonesia

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**29.04.2025 / Session-1, Hall-3**

**Baku Local Time: 10:00 – 12:00**

**Ankara Local Time: 09:00 – 11:00**

**Meeting ID: 862 1528 3413 / Passcode: 282928**

**Moderator: Assoc. Prof. Dr. Ahmet YURTSEVEN**

Title	Author(s)	Affiliation
NUMERICAL INVESTIGATION OF HYDRODYNAMIC BEHAVIOR OF FLOATING AGRICULTURAL APPLICATIONS PLATFORMS	Doğan TUPTAŞ Assoc. Prof. Dr. Ahmet YURTSEVEN	Yıldız Technical University, Türkiye
ENERGY CONSUMPTION AND LIFE CYCLE EMISSION ANALYSIS BASED ON OUTDOOR METEOROLOGICAL PARAMETERS IN PUBLIC AND SERVICE BUILDINGS	Assoc. Prof. Dr. Okan KON Prof. Dr. Bedri YÜKSEL	Balıkesir University, Türkiye İstanbul Gelişim University, Türkiye
ZERO-CARBON FUTURE IN MARITIME TRANSPORT: THE POTENTIAL AND CHALLENGES OF AMMONIA FUEL	Assoc. Prof. Dr. Şengül ŞANLIER UÇAK	Recep Tayyip Erdogan University, Türkiye
MITIGATING GREENHOUSE GAS EMISSIONS IN CEMENT MANUFACTURING: A COMPREHENSIVE REVIEW OF SOLUTIONS AND STRATEGIES	Agnes Oboh Fidelis Abam Michael Bassey	University of Uyo, Nigeria University of Calabar, Nigeria University of Uyo, Nigeria
THE ROLE OF FUMES/SMOKE EXTRACTION SYSTEMS IN FIRE OUTBREAK FROM DOMESTIC AND INDUSTRIAL SECTORS	Imoh Ime Ekanem Imo Moses Akpan Ndifreke Etebom Itiat	Akwa Ibom State Polytechnic, Nigeria
A TECHNICAL SURVEY ON MECHANICAL PLUMBING AND RETICULATION SYSTEMS IN CONVENTIONAL ENGINEERING APPLICATIONS	Aniekan Essienubong Ikpe Imoh Ime Ekanem Emem Okon Ikpe	Akwa Ibom State Polytechnic, Nigeria
THE AGEING PHENOMENON AND THE POSSIBILITY OF LEARNING FROM THIS TYPE OF ACCIDENTS	David Krivanek	Brno University of Technology, Czech Republic
INVESTIGATION OF NITROGEN OXIDE EMISSIONS IN A HYDROGEN/DIESEL DUAL-FUEL INTERNAL COMBUSTION ENGINE	İsmail SEVEN Assoc. Prof. Dr. Hüseyin GÜRBÜZ Prof. Dr. Tarkan SANDALCI	Sirnak University, Türkiye
HYDROGEN-BASED PEM FUEL CELLS AND BATTERIES IN SUSTAINABLE ENERGY SYSTEMS: A COMPARISON IN TERMS OF PERFORMANCE, ENERGY DENSITY, AND APPLICATION AREAS	Assoc. Prof. Dr. Hüseyin GÜRBÜZ Selman İLBEYOĞLU	Sirnak University, Türkiye

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**29.04.2025 / Session-1, Hall-4**  
**Baku Local Time: 10:00 – 12:00**  
**Ankara Local Time: 09:00 – 11:00**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Assoc. Prof. Dr. Semra ÇIÇEK**

Title	Author(s)	Affiliation
FIR FILTER DESIGN AND IMPLEMENTATION IN RASPBERRY PI ENVIRONMENT	Sıdıka KAHVECİOĞLU Assoc. Prof. Dr. Turgay KAYA	Firat University, Türkiye
NUMERICAL INVESTIGATION AND OPTIMIZATION OF CENTRIFUGAL FAN PERFORMANCE IN HOUSEHOLD HEAT PUMP TUMBLE DRYER	Fazıl Erinç YAVUZ	Haier Europe, Türkiye
LONG-TERM BEHAVIOR OF ZEOLITE $Na_8Al_8Si_{12}O_{48}$ IN HEAT PUMP DRYER APPLICATIONS	Baran BULGURCU Fazıl Erinç YAVUZ	Haier Europe, Türkiye
ROBUST NON-LINEAR CONTROL OF A DOUBLY-FED INDUCTION GENERATOR	Mohammed OUINTEN Riyadh ROUABHI Abdelghafour HERIZI	Mohamed Boudiaf University of M'sila, Algeria
OPTIMIZING HARMONIC REDUCTION AND VOLTAGE OUTPUT IN INDUCTION MOTORS USING SVPWM WITH VFD	Uran Rakovica Dr. Qamil Kabashi Dr. Sabrije Osmanaj Dr. Milaim Zabeli	University of Prishtina, Kosovo
DESIGN OF A STANDALONE SOLAR-POWERED WATER PUMPING SYSTEM WITH A SINGLE-PHASE SINUS-PWM PUSH-PULL INVERTER FOR GREENHOUSE APPLICATIONS USING A 1 KW PUMP	Uran Rakovica Dr. Qamil Kabashi Dr. Sabrije Osmanaj Dr. Milaim Zabeli	University of Prishtina, Kosovo
STABILITY ANALYSIS OF AUTOMATIC VOLTAGE REGULATOR SYSTEM WITH FRACTIONAL PI CONTROLLER	Lect. Eyyüp ŞEVGIN Assoc. Prof. Dr. Vedat ÇELİK	Van Yüzüncü Yıl University, Türkiye Firat University, Türkiye
SMART MANAGEMENT SOLUTIONS FOR FOOD WASTE: DEEP LEARNING AND IoT TECHNOLOGIES	Assoc. Prof. Dr. Semra ÇIÇEK	Atatürk University, Türkiye
ANALYSIS OF SURFACTANT ADSORPTION ON ROCK SURFACES TO OPTIMIZE SURFACE TENSION	Ilkin Ismayilov	Azerbaijan State Oil and Industry University, Azerbaijan

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**29.04.2025 / Session-2, Hall-1**  
**Baku Local Time: 12:30 – 14:30**  
**Ankara Local Time: 11:30 – 13:30**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Dr. Shouket Ahmad Kouchay**

Title	Author(s)	Affiliation
MACHINE LEARNING MODELS: THE MATHEMATICAL POWER OF MATRIX DIAGONALIZATION AND QUADRATIC FORMS	Y. Sarayu Reddy S. Savitha Dr. Laliitha Ramachandran	R.M.K. Engineering College, India
ENHANCING LIGHTWEIGHT AND ENERGY EFFICIENT CONSENSUS ALGORITHMS FOR BLOCKCHAIN BASED IOT	Mohammed Hmazah Awad Aloufi Prof. Paul Rodregues	King Khalid University, Saudi Arabia
ASSESSMENT OF THE GENETIC DIVERSITY OF THE MONOGENEAN SPARICOTYLE CHRYSOPHRII INFECTING GILT HEAD SEA BREAM (SPARUS AURATA) ALONG THE TUNISIAN COASTS	Sarra FARJALLAH	Tunis El Manar University, Tunisia
MOLECULAR IDENTIFICATION AND PHYLOGENETIC STUDY OF HEPATOZOON AND THEILERIA SPP. IN RODENT POPULATIONS FROM SAUDI ARABIA	Sarra FARJALLAH	Tunis El Manar University, Tunisia
GENETIC AND PHYLOGENETIC CHARACTERIZATION OF TRICHOMONADIDA SPECIES INFECTING DOMESTIC CHICKENS (GALLUS GALLUS DOMESTICUS, AVES: PHASIANIDAE) IN TUNISIA	Sarra FARJALLAH	Tunis El Manar University, Tunisia
THE NEXT WAVE OF AI AND DATA SCIENCE: INDUSTRIAL-GRADE MACHINE LEARNING AND THE RISE OF SELF-GENERATING AI SYSTEMS	Dr. Shouket Ahmad Kouchay	Islamic University Madinah, Saudi Arabia
DATA COLLECTION AND ANALYSIS FOR REAL-TIME INTELLIGENT GUIDANCE OF MOBILE ROBOTS IN SMART CITIES	TOUZANI Kawthar YOUSSEFI Abdelkader	Industrial Management, and Innovation Faculty of Science and Technology Settat, Morocco
COMPUTATIONAL FLUID DYNAMICS OF SPERM MOTILITY THROUGH CERVIX	Dr. Zeeshan Asghar	Prince Sultan University, Saudi Arabia

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**29.04.2025 / Session-2, Hall-2**  
**Baku Local Time: 12:30 – 14:30**  
**Ankara Local Time: 11:30 – 13:30**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Assoc. Prof. Dr. Mahmut DİRİK**

Title	Author(s)	Affiliation
ANALYSIS OF COMMERCIAL CENTRALITY IN CONSTANTINE: APPROACH BY GEOGRAPHIC INFORMATION SYSTEMS	Dr. Khaled Naimi	University of L'Arbi Ben M'hidi Oum El Bouaghi, Algeria
SYSTEMATIC REVIEW OF HOW ML MODELS FROM FINANCE CAN PREDICT AND MITIGATE CASCADING FAILURES IN COMPLEX ENGINEERING SYSTEMS	Mayada Chibli	Bucharest University of Economic Studies, Romania
CHALLENGES IN IMPLEMENTING LSTM FOR PREDICTIVE ANALYTICS IN ENGINEERING SYSTEMS	Mayada Chibli	Bucharest University of Economic Studies, Romania
DENSITY FUNCTIONAL THEORY STUDY OF THE STRUCTURAL AND ELECTRONIC PROPERTIES OF TETRAGONAL RUTILE SnO <sub>2</sub> USING THE BLYP FUNCTIONAL	Abderrahim Ait Lhaj Brahim Ouazik Salima Tastift Mohamed El Hasnaoui Hassan Chaib	Ibnou Zohr University, Morocco Ibn Tofail University, Morocco
HEALTH AND FUNCTIONAL IMPLICATIONS OF MAIZE IRRIGATED WITH TREATED WASTEWATER IN SEMI-ARID NORTH AFRIC	Ahmed Osmane Khadija Zidan Moustapha Belmouden	Agadir University Ibn Zohr, Morocco Cadi Ayyad University, Morocco
PLANNING FALLACY IN SIMPLE PROJECT TASKS	Dr. Inessa Ainbinder Nadine Ayoubi Dr. Pini Davidov	Azrieli Academic College of Engineering, Israel
ANALYSIS OF ANTEP AND SIIRT PISTACHIOS PRODUCED IN TURKEY WITH CLASSIFICATION ALGORITHMS	Fırat SEVEN Mahmut DİRİK Ferit SEVEN	Sirnak University, Türkiye
THE RISE OF DIGITAL JUSTICE: ETHICAL AND LEGAL TRANSFORMATION IN AI- POWERED LEGAL SYSTEMS	Songül Yıldırım Mahmut DİRİK	Şırnak University, Türkiye
THE FUTURE OF ELECTRIC VEHICLE CHARGING MANAGEMENT IN SMART GRIDS: AN ARTIFICIAL INTELLIGENCE-BASED APPROACH	Yasin AKDEMİR Zeki BAŞŞİŞ Mahmut DİRİK	Şırnak University, Türkiye

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**29.04.2025 / Session-2, Hall-3**  
**Baku Local Time: 12:30 – 14:30**  
**Ankara Local Time: 11:30 – 13:30**  
**Meeting ID: 862 1528 3413 / Passcode: 282928**  
**Moderator: Prof. Dr. İlknur KARS DURUKAN**

Title	Author(s)	Affiliation
CREATING CARBON SUBSTRUCTURE FOR CITIES: MALATYA METROPOLITAN GOVERNMENT'S GPD BASIC+ EXPERIENCE	Şule POLAT Prof. Dr. Yavuz DEMİRCİ	Adıyaman University, Türkiye
THERMODYNAMIC PROPERTIES FOR LiNaS COMPOUND	Prof. Dr. Yasemin ÖZTEKİN ÇİFTÇİ Prof. Dr. İlknur KARS DURUKAN	Gazi University, Türkiye
THE INVESTIGATION OF OPTOELECTRONIC PROPERTIES OF LiNaS SEMICONDUCTOR COMPOUND	Prof. Dr. Yasemin ÖZTEKİN ÇİFTÇİ Prof. Dr. İlknur KARS DURUKAN	Gazi University, Türkiye
EXAMINATION OF THE CHARACTERISTICS OF LOW-CALORIE ASPHALTITE SAMPLE AND CALCULATION OF MINERAL PROPORTIONS WITH MINSQ	Assist. Prof. Dr. Sadiye KANTARCI Assist. Prof. Dr. İlhan EHSANİ Assist. Prof. Dr. Arman EHSANİ Prof. Dr. İbrahim ALP	Şırnak University, Türkiye Adana Alparsalan Türkeş Science and Technology University, Türkiye
MULTI-PURPOSE BUILDING MATERIAL DESIGN WITH OPTIMIZATION OF SUSTAINABLE GEOPOLYMER MIXTURE WITH FIBROUS WASTE TYRE AND SLAG ADDITIVES	Assist. Prof. Dr. Furkan BİRDAL Assoc. Prof. Dr. Hasan DİLBAS Fatih SEZEN	Kırşehir Ahi Evran University, Türkiye Van Yüzüncü Yıl University, Türkiye Kırşehir Ahi Evran University, Türkiye
A MODEL PROPOSAL FOR THE MULTI-RESOURCE CONSTRAINED, MULTI-OBJECTIVE PARALLEL MACHINE SCHEDULING PROBLEM	Res. Assist. Asude DEMİR Assoc. Prof. Dr. Yunus DEMİR	Bursa Technical University, Türkiye
AN INNOVATIVE APPROACH TO PRODUCTION PLANNING: OPTIMIZATION SOLUTIONS IN A DETERGENT FACTORY	Aidana ABDYKAIYMOVA	Kocaeli University, Türkiye
UTILIZATION OF SOLAR ENERGY BASED TECHNOLOGIES IN GREENHOUSES	Dr. Hakan DUMRUL	Sirnak University, Türkiye
ANALYSIS OF THE MECHANICAL AND ELECTRONIC PROPERTIES OF $XIrI_3$ PEROVSKITE COMPOUNDS	Prof. Dr. İlknur KARS DURUKAN Prof. Dr. Yasemin ÖZTEKİN ÇİFTÇİ	Gazi University, Türkiye
ANALYSIS OF SOME STRUCTURAL PROPERTIES OF THE $YZn$ INTERMETALLIC COMPOUND UNDER PRESSURE	Prof. Dr. İlknur KARS DURUKAN Prof. Dr. Yasemin ÖZTEKİN ÇİFTÇİ	Gazi University, Türkiye

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**29.04.2025 / Session-2, Hall-4**

**Baku Local Time: 12:30 – 14:30**

**Ankara Local Time: 11:30 – 13:30**

**Meeting ID: 862 1528 3413 / Passcode: 282928**

**Moderator: Assoc. Prof. Dr. Asaf Tolga ÜLGEN**

Title	Author(s)	Affiliation
ENHANCED DEEP LEARNING MODEL FOR VIOLENCE, RACIST, AND HARASSMENT CHAT DETECTION IN CHILD-FRIENDLY ONLINE GAME	Jasson PRESTILIANO Prof. Dr. Azhari AZHARI Dr. Arif NURWIDYANTORO	Gadjah Mada University, Indonesia
IMPACT OF CLIMATE CHANGE ON WATER RESOURCES IN NORTHEASTERN ALGERIA	Abderrahmane Ziari Abderrahmane Medjerab	University of Sciences and Technology Houari Boumediene Algiers, Algeria
EXAMINING THE ANTICORROSION EFFICACY OF A GUANIDINE DERIVATIVE IN ACIDIC MEDIUM FOR MILD STEEL PROTECTION	Afafe ELABBADI Dr. Youssef KANDRI RODI Dr. Mouhcine SFAIRA	Sidi Mohamed Ben Abdellah University, Morocco
INTEGRATIVE MORPHOLOGICAL AND MOLECULAR CHARACTERIZATION OF GILL MONOGENEANS IN WILD AND FARMED SPARUS AURATA FROM TUNISIA	Khadija DOUKALI	University of Tunis El Manar, Tunisia University of Carthage, Tunisia
COMPREHENSIVE STUDY ON THE EXTRACTION OF CELLULOSE FROM PLANT SOURCES AND ITS APPLICATION IN ADSORPTION OF POLLUTANTS: A DETAILED INVESTIGATION USING DENSITY FUNCTIONAL THEORY (DFT) SIMULATIONS AND BOX-BEHNKEN DESIGN (BBD) OPTIMIZATION FOR ADSORPTION EFFICIENCY	Soukaina El Bourachdi Abdelhay El Amri Amal Lahkimi	Sidi Mohamed Ben Abdellah University, Morocco Ibn Tofaïl University, Morocco Sidi Mohamed Ben Abdellah University, Morocco
NEW CHALLENGES FOR INSURANCE COMPANIES IN THE AREAS OF ANTI-MONEY LAUNDERING, FIGHT AGAINST TERRORISM AND PROLIFERATION FINANCING AS WELL AS COMPLIANCE WITH FINANCIAL SANCTIONS (LEGAL AND INFORMATION TECHNOLOGY PERSPECTIVE)	Valeria Szeplaki	University of Public Service, Hungary
B3LYP-BASED QUANTUM CHEMICAL INVESTIGATION OF STRUCTURAL, VIBRATIONAL, SPECTROSCOPIC, AND REACTIVITY PROPERTIES OF 3-(p-fluorophenyl)-1H-pyrazole-4-carbaldehyde	Asaf Tolga ÜLGEN Gürçan YILDIRIM Ali Serol ERTÜRK	Şırnak University, Türkiye Abant İzzet Baysal University, Türkiye Adıyaman University, Türkiye
ALTERATION OF ELECTRICAL FEATURES OF Bi-2212 CRYSTAL STRUCTURE WITH BARIUM ACETATE	Asaf Tolga ÜLGEN Gürçan YILDIRIM Umit ERDEM	Şırnak University, Türkiye Abant İzzet Baysal University, Türkiye Kırıkkale University, Türkiye
ROLE OF BARIUM ACETATE IMPURITY ON SUPERCONDUCTING TRANSITION PROPERTIES OF Bi-2212 CUPRATES	Asaf Tolga ÜLGEN Gürçan YILDIRIM Umit ERDEM	Şırnak University, Türkiye Abant İzzet Baysal University, Türkiye Kırıkkale University, Türkiye

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