



ICOMNAS
ANKARA

INTERNATIONAL CONGRESS ON
Multidisciplinary NATURAL SCIENCES AND ENGINEERING
Uluslararası Multidisipliner Doğa Bilimleri ve Mühendislik Kongresi

Congress Program

Kongre Programı

Ankara

OPENING CEREMONY:

08:30 - Call for a Moment of Silence and Turkish National Anthem

08:40 – Scientific Committee President
Prof. Dr. Hikmet Y. ÇOĞUN

ICOMNAS

1.Oturum - 1.Sunum - 09:05 - ELİF BALLIKAYA : ***The Knowledge and Experiences of A Group Of Turkish Dentists' Regarding Child Physical Abuse***

1.Oturum - 2.Sunum - 09:20 - ÖZLEM AKAT SARAÇOĞLU : ***Application Areas and Features of Agricultural Textiles***

1.Oturum - 3.Sunum - 09:35 - AYŞE NİLGÜN KAYADELEN : ***Fuzzy Topsis Application For Pharmacy Location Selection***

2.Oturum - 1.Sunum - 09:55 - Nusret Karaaslan : ***Gaussian Bronze Lucas Numbers***

2.Oturum - 2.Sunum - 10:10 - Nusret Karaaslan , MERVE NUR FAZLIOĞLU : ***Gaussian Narayana-lucas Numbers***

2.Oturum - 3.Sunum - 10:25 - Nusret Karaaslan , HİLAL EFSA FAZLIOĞLU : ***Gaussian Narayana-perrin Numbers***

3.Oturum - 1.Sunum - 10:45 - EDİP ÇETKİN : ***Investigation of the Effect Of Nanoparticle Reinforcement in Epoxy Adhesive on The Static Strength Of The Joint In Single Patch Lap Bonding Joints***

3.Oturum - 2.Sunum - 11:00 - MEHMET ÇELİK , HASRET DOĞON : ***Investigation of the Effect Of Alternative Fuel and Engine Parameters on Combustion Properties in Diesel Engines***

3.Oturum - 3.Sunum - 11:15 - LEVENT AYDIN , UMUT ÇİFTÇİOĞULLARI , ELİF ARAS GÜLTÜRK : **Neuro Regression Analysis and Optimization of Laser Powder Deposition Alsi10mg Alloy**

4.Oturum - 1.Sunum - 11:35 - MÜMİN TUTAR : **Optimization of Interlayer Bond Strength Of Additively Manufactured Polyamide Samples**

4.Oturum - 2.Sunum - 11:50 - LEVENT AYDIN , BEGÜM KAVAK , ELİF ARAS GÜLTÜRK : **A Novel Approach For Optimization of High Speed End Milling Parameters**

4.Oturum - 3.Sunum - 12:05 - EMRE DENİZ YALÇIN : **Xrd and Sem Analysis of Za40/sic Alloy Powders**

5.Oturum - 1.Sunum - 12:25 - ORHAN KEYİF : **Hole Drilling Unit Design For Woodworking Machines**

5.Oturum - 2.Sunum - 12:40 - DİLARA YALÇIN , EBRU SAĞ , BURAK BAHAT , SERDAR MACİT : **New Process Development in Cabin Stabilizers Production**

5.Oturum - 3.Sunum - 12:55 - ONUR HASANOĞLU , ZİYA DORUK , CANAN PERDAHÇI : **The Use and Importance of Standards in Tunnel Lighting Calculations**

6.Oturum - 1.Sunum - 13:15 - NAZLI GÜLŞAH CİMİLLİ , AYTEKİN ÇÖKELEZ : **The Origins and the Development of Artificial Intelligence**

6.Oturum - 2.Sunum - 13:30 - MUHAMMAD SULEMAN : **Efficient Fault Detection Technique in Power System by Machine Learning Using Fault Indicator Patterns**

6.Oturum - 3.Sunum - 13:45 - OSMAN EMRE ÖZÇİFLİKÇİ , MİKAIL KOÇ : **Torque Control For Interior Mounted Permanent Magnet Synchronous Motors Based on Third Harmonic Injection Pulse Width Modulation**

7.Oturum - 1.Sunum - 14:05 - MERVE BEGÜM TERZİ : **Deep Gated Recurrent Unit and Long Short Term Memory Based Anomaly Detection Technique**

7.Oturum - 2.Sunum - 14:20 - KÜBRA ÖRNEK KOCABEY , HİLAL YILDIZ , ERAY MAHMUTOĞLU : **Self Protected 33 Kv, 500 Kva Distribution Transformer (csp) Design, Prototype Production and Tests**

7.Oturum - 3.Sunum - 14:35 - MERVE BEGÜM TERZİ : **Deep Learning with Gated Recurrent Neural Networks For Anomaly Detection**

8.Oturum - 1.Sunum - 14:55 - M. ZÜHAL ERİŞGİN BARAK : **The Effect of Mutation Type For the Identical Parallel Machine Scheduling Problem With Genetic Algorithm**

8.Oturum - 2.Sunum - 15:10 - Adem Durmaz : **Investigation of Vitamin B12 Levels in Patients Using Metformin in A Family Health Center**

8.Oturum - 3.Sunum - 15:25 - KAĞAN KAHRAMAN : **Automated Nut Peeling Machine With Replaceable Blades**

9.Oturum - 1.Sunum - 15:45 - NASIM KIAN POUR : **Effect of Tapioca Starch and Chia Seed Blanching on the Drying Characteristics, Heat And Mass Transfer Of Celery Root Chips**

9.Oturum - 2.Sunum - 16:00 - TUĞBA DEDEBAŞ : **Use of Electro-spin Spectroscopy Method in Determining the Oxidation Stability Of Oils**

9.Oturum - 3.Sunum - 16:15 - EMİNE AKSAN ALDANMAZ : **3d Food Printers and Digital Gastronomy Tourism**

10.Oturum - 1.Sunum - 16:35 - ÖZLEM ESMEER , YEŞİM ASLAN , FURKAN KÜÇÜK : **Migration of Phthalate Esters From Packaging Materials into Foods**

10.Oturum - 2.Sunum - 16:46 - KAZIM BOZDOĞAN : **Effect of Induction Hardening on Different Firearm Materials**

10.Oturum - 3.Sunum - 16:57 - OZLEM KEPENEKÇİ BULUT , OSMAN SAĞDIÇ , CANAN DOĞAN : **Protein Enriched Baked Chips Production**

10.Oturum - 4.Sunum - 17:08 - BURAK BAYRAM : **Investigation of Effects Of Injection Pressure in 17-4 Ph Stainless Steel Parts Production by Metal Injection Molding Method**

11.Oturum - 1.Sunum - 09:05 - AYDAN YELTİK , FELIX DESCHLER : **Gold-assisted Large-scale Exfoliation of Bismuth Triiodide (bii3) Ultrathin Layers**

11.Oturum - 2.Sunum - 09:20 - CANAN ALPER BİLLUR : **The Effect of Co Change To Al-ni-co Alloy on Thermoelectric and Mechanical Properties**

11.Oturum - 3.Sunum - 09:35 - CANAN ALPER BİLLUR : **Thermoelectrical and Microstructure Properties of Zn-al-cu Alloy**

12.Oturum - 1.Sunum - 09:55 - EMİNE GÜVEN : **Forecast of the Area and Density Enrichment Effects Estimated From Cluster Structures Of Membrane Proteins**

12.Oturum - 2.Sunum - 10:10 - Adem Durmaz , MUAMMER YILMAZ : **Changes in Smoking Habits In Covid-19 Patients**

12.Oturum - 3.Sunum - 10:25 - FAYSAL ŞAYLIK : **Prediction of In-hospital Mortality Due To Covid-19 in Hypertensive Patients Based on Fibrinogen To Albumin Ratio**

13.Oturum - 1.Sunum - 10:45 - IŞIL SUNGUR KAŞIKCI : **Determination of Quality Of Concrete with Air-permeability Measurement in Assessment Of the Durability Of Concrete**

13.Oturum - 2.Sunum - 11:00 - KASIM ÇELİK , ZAHİDE RÜVEYDA SERTKAYA : **Contributions of Post-tensioning Systems To Flexible Design**

13.Oturum - 3.Sunum - 11:15 - CAFER HAKAN YILMAZ , HALİL AYTOP , HATİCE MEHTAP EKİZ , ÖMER FARUK DEMİR , HÜSEYİN DİKİCİ : **Evaluation of Plant Nutrition Status Of Cotton Growing Harran Plain Soils**

14.Oturum - 1.Sunum - 11:35 - ELEN İNCE : **Determination of Phytoplasma Diseases, Possible Insect Vector Species and Measures To Be Taken in Eastern Mediterranean Vineyard Areas**

14.Oturum - 2.Sunum - 11:50 - ZEYNEP MURATHAN : **Electrochemical Analysis of Dinobuton Pesticide by Square Wave Stripping Voltammetry**

14.Oturum - 3.Sunum - 12:05 - SEDA BEYAZ , OZLEM GOK , ABDULLAH ASLAN , ORHAN ERMAN , İBRAHİM HANIFI OZERCAN : **The Effect of Epigallocatechin-3-gallate on Nrf-2 / Nf-kb and Tnf- α / Cox-2 Protein Signal Pathways against Lung Tissue Damage Exposed by Cisplatin in Rats**

15.Oturum - 1.Sunum - 12:25 - LUKAS CUHRAC : **Occurence of Butyrylcholinesterase Polymorphisms in Patients Undergoing Surgery in Slovakia**

15.Oturum - 2.Sunum - 12:40 - MURAT ACAR , HAKAN KAYA : **Examination of Open Public Areas Within the Framework Of Urban Resilience**

15.Oturum - 3.Sunum - 12:55 - BENGÜ ÖZTÜRK : **Estimation of Body Mass Index Classes Of Young Adults Using Random Forest and Decision Tree Classifier Algorithms**

16.Oturum - 1.Sunum - 13:15 - KÜBRA KARABACAK : **Investigation of the Effects Of Different Graphite Types on The Thermal Conductivity Of Polyamide Matrix Composites**

16.Oturum - 2.Sunum - 13:30 - EMİNE ERDEM CİNGÖZ : **Effects of Climatic Change on Marine Phytoplankton**

16.Oturum - 3.Sunum - 13:45 - FUAT TAŞKESER : **Synthesis of Polyurethane Polymer For Elasthane Yarn Production and Yarning**

17.Oturum - 1.Sunum - 14:05 - meltem yanılmaz , ELHAM ABDOLRAZZAGHIAN : **Polymeric Fibers Containing Graphene**

17.Oturum - 2.Sunum - 14:20 - ESRA DİRGAR , OKŞAN ORAL : **Mobiltech and Usage Areas**

17.Oturum - 3.Sunum - 14:35 - OKŞAN ORAL , ESRA DİRGAR : **Acoustic Textiles; Importance, Usage Areas**

18.Oturum - 1.Sunum - 14:55 - DİLİAN KÖKSAL ÖZTÜRK , MENDERES LEVENT , KADİR GÜNDOĞAN : **Investigation of Pyrolysis Properties Of Soma Lignite Coal by Thermogravimetric Analysis Method**

18.Oturum - 2.Sunum - 15:10 - BERİN KARAMAN MAYACK : **A Multi-step Virtual Screening For the Discovery of Novel Small Molecule Inhibitors Of Lin28-pre-let-7 Interaction**

18.Oturum - 3.Sunum - 15:25 - ALİ İKBAL TUTAR , FERİT ÇAKIR : **Structural Performance Evaluation of Historical Bursa Green Mosque**

19.Oturum - 1.Sunum - 15:45 - ABDULGAZİ GEDİK : **Determining the Optimum Rubber Content For Bitumen Modification in Hot Climatic Regions**

19.Oturum - 2.Sunum - 16:00 - DİDEM DÖNMEZ : **Experimental and Numerical Study of Interface Failure Modes Of Clay Masonry Units**

19.Oturum - 3.Sunum - 16:15 - Ali Kemal ÇAKIR : **Improvement of Air Quality in Dusty Environments and Cost-benefit Analysis: A Case Study**

20.Oturum - 1.Sunum - 16:35 - FATMA BETÜL YENİ , EMRE ÇEVİKCAN : **Multi-product Multi-period Disassembly Line Balancing Problem: A Generic Optimization Model**

20.Oturum - 2.Sunum - 16:50 - KÜBRA IŞIK , SELDA KAPAN ULUSOY : **System Reliability Analysis with Stochastic Models**

20.Oturum - 3.Sunum - 17:05 - Ayşe Didem KILIÇ : **The Sem and Xrd Data Analysis in Mineralogy of Fault Clay**

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1.Oturum - 1.Sunum - 09:05 - AYŞE ÖZDOĞAN DÖLÇEK : **Assessing Shallow Geothermal Energy Potential of University Campus in Balıkesir, Turkey Using Thermal Response Test**

1.Oturum - 2.Sunum - 09:20 - Ali Kılıçer : **Determination of Mass Loss Of Süphan Perlite Under High Temperature**

1.Oturum - 3.Sunum - 09:35 - İlyas ÇAĞLAR , GÜLÇİN BİLGİCİ CEMGİZ , GÖKHAN BİLİR : **Gamma Radiation Shielding Properties of $X_{W03}:(100-x)_{TeO2}$ Glass System**

2.Oturum - 1.Sunum - 09:55 - İlyas ÇAĞLAR , GÜLÇİN BİLGİCİ CEMGİZ , GÖKHAN BİLİR , HÜSEYİN ERTAP : **Gamma-ray Shielding Properties of $X_{Bi2O3}:(100-x)_{GeO2}$ Glass System**

2.Oturum - 2.Sunum - 10:10 - FATMA AYSUN UĞUR : **Dose Calculations For Different Gamma Emitters in the Air Using Point Source**

2.Oturum - 3.Sunum - 10:25 - HASRET GÜNEŞ , SEMRA DEMİR : **The Effect of Arbuscular Mycorrhizal Fungus (amf) and Biochar on Plant Growth in Pepper (*capsicum Annum L*)**

3.Oturum - 1.Sunum - 10:45 - Gökhan UZUN , ZÜHRE ŞENTÜRK : **Electrochemical Determination of Propoxur in Modified Glassy Carbon Electrode**

3.Oturum - 2.Sunum - 11:00 - Hatice Banu KESKİNKAYA , NUMAN EMRE GÜMÜŞ , CENGİZ AKKÖZ , EMİNE ŞÜKRAN OKUDAN : **Determination of Macro and Trace Element Levels Of Red Algae *Liagora Ceranoides* (j.v.lamouroux) And *Liagora Viscida* ((forsskal) C.agardh) Species And From Mediterrenian Sea (antalya/turkey) by Icp-oes Method**

3.Oturum - 3.Sunum - 11:15 - FATMA AYSUN UĞUR : **Adsorption Calculations of Clay Mixtures in Radioactive Waste Storage Systems**

4.Oturum - 1.Sunum - 11:35 - GÜLİZAR KURTOĞLU AKKAYA : **Treatment by Electrocoagulation Using Waste Metals of Petroleum Wastewater**

4.Oturum - 2.Sunum - 11:50 - KEREM ÜN : **The Effect of Ischemic Conductivity and Regularization Methods For Localizing the Ischemic Region on The Heart: A Finite Element Study**

4.Oturum - 3.Sunum - 12:05 - ZAUER RASULOV : **A New Iteration Method For the Solution of Third-order Bvp Via Green's Function**

5.Oturum - 1.Sunum - 12:25 - FATMA HIRA , MÜZEYYEN YÜKSEL : **On Integral Representations of Q, ω -gamma and Q, ω -beta Functions**

5.Oturum - 2.Sunum - 12:40 - ERSİN ÇAĞLAR , SERTUĞ KAPTAN : **Comparison of Load Balance Algorithms Using Cloudanalyst Simulation**

5.Oturum - 3.Sunum - 12:55 - RİFAT KURBAN , MURAT ÇELİK , TUBA KURBAN : **Artificial Bee Colony Algorithm For Anomaly Based Intrusion Detection**

6.Oturum - 1.Sunum - 13:15 - ASST. PROF. DR. ÖZERK YAVUZ : **Combining Qualitative and Quantitative Research Methodologies in Assessing Health Effects of Alcohol**

6.Oturum - 2.Sunum - 13:30 - MELİKE KARATAY , AYBARS UĞUR : **Bit Prediction on Keccak-[200] Cryptographic Function with Lstm Neural Network**

6.Oturum - 3.Sunum - 13:45 - EBRU YALÇIN , MELİKE KARATAY : **On the Security of Lattice-based Systems**

7.Oturum - 1.Sunum - 14:05 - AYŞE AYTAÇ , SELİNAY GÜMÜŞ , KAAN AKSOY : **Improvement of Thermal Stability Of Unsaturated Polyester Resin Films by Using Different Ratios Of Nanosilica**

7.Oturum - 2.Sunum - 14:20 - MEHMET ERHAN ŞAHİN : **3d Printed Models of Baby Face Expression Design From Ultrasound Images**

7.Oturum - 3.Sunum - 14:35 - DOĞAN KALAFAT , YAVUZ GÜNEŞ , MEHMET KARA , KIVANÇ KEKOVALI : **An Example of the Current Neotectonic Features Of Western Anatolia: The Seismicity Of Denizli and Its Surroundings**

8.Oturum - 1.Sunum - 14:55 - Ali Kılıçer : **Obtaining Nanomaterials From Erciş Pumice with Polyvinyl Alcohol**

8.Oturum - 2.Sunum - 15:10 - GÜLİZAR KURTOĞLU AKKAYA : **Use of Alloys Electrodes in the Electrocoagulation Process**

8.Oturum - 3.Sunum - 15:25 - ERAY ÖNLER : **Mask R-cnn Based Apple (malus Domestica) Detection and Segmentation**

9.Oturum - 1.Sunum - 15:45 - Adem Durmaz : ***Investigation of Favipiravir Usage Rates Of Patients in the Covid-19 Pandemic and Factors Affecting This Rates***

9.Oturum - 2.Sunum - 16:00 - EMİL ÇAY , SELİM BAYRAKLI : ***Privacy Attack with Osint Tools on Big Data***

9.Oturum - 3.Sunum - 16:15 - GİZEM ERBAŞ ÜNVERDİ : ***The Radiographic Experiences of Children and Awareness Of Parents About Shielding From Radiation: Pilot Study.***

10.Oturum - 1.Sunum - 16:35 - HÜLYA AKDEMİR KOÇ : ***Production of Complex Anthocyanins Using Recombinant Microorganisms***

10.Oturum - 2.Sunum - 16:50 - Cennet TATLI , NURAY ÇÖMLEKÇİOĞLU : ***Effects of Certain Nutritional Additives To the Culture Medium on Androgenesis in Pepper (capsicum Annuum L.)***

10.Oturum - 3.Sunum - 17:05 - RAFET ÇAĞRI ÖZTÜRK : ***Genetic Connectivity of Yellowfin Tuna (thunnus Albacares) in Atlantic Ocean***

11.Oturum - 1.Sunum - 09:05 - AİŞE DELİBORAN , İDRİS ÇILGIN , MURAT AYATA , SEDEF ÖZDEN , MELTEM AYAZ , LATİFE ERTEN , AYÇA AKÇA UÇKUN , HANDE UÇAR , SERKAN KAPTAN : **Determination of Nutritional Status Of Olive Groves in Manisa Province by Leaf and Soil Analysis**

11.Oturum - 2.Sunum - 09:20 - SERCAN ÖNDER , MUHAMMET TONGUÇ , SABRİ ERBAŞ , DAMLA GÜVERCİN ÖNDER , MURAT MUTLUCAN : **Color Content Changes during the Distinct Flower Development Stages of Rosa Damascena Mill.**

11.Oturum - 3.Sunum - 09:35 - HİLAL AYDIN : **Musilage Phenomenon in Adriatic Sea and Sea of Marmara**

12.Oturum - 1.Sunum - 09:55 - ENES ÖZDEMİR : **The Use of Waste Eggs From Egg Chicken Enterprises by Drying, as A Substitution Of Protein, Oil and Calcium in Rat Rations And the Effects Of The Prepared Feed To Animal Performance**

12.Oturum - 2.Sunum - 10:10 - NEŞE ORMANCI , SAİMA TASNEEM , TUĞBA BÜŞRA ÇALIŞKAN : **The Impact of Covid-19 Lockdowns on Nutritional Habits and Physical Activities Of Individuals in North Cyprus**

12.Oturum - 3.Sunum - 10:25 - RECEP KAHRAMAN : **Evaluation of Whether the Statement Obtained Under The Name Of Pre-interview in Criminal Procedure Law Is Within The Scope Of Prohibited Evidence**

13.Oturum - 1.Sunum - 10:45 - MAHA MORAL , GÜLİZ AKYÜZ , MUBERRA ANDAÇ , ÖMER ANDAÇ : **Metal-organic Frameworks Design and Synthesis For Cancer Therapy And Diagnosis**

13.Oturum - 2.Sunum - 11:00 - TUĞBA NUR ELLİBEŞ GÖKKAYA , FEVZİ UÇKAN , ZÜLBİYE DEMİRTÜRK , EZGİ ÇOĞAL : **The Effects of Polystyrene Nanoparticles To the Cellular Immune System Of Galleria Mellonella**

13.Oturum - 3.Sunum - 11:15 - FATMA AZİZE ZÜLAL AYDINOL , SONAY AYYILDIZ : ***Examining Level Design in Different Video Game Genres From An Architectural Point of View***

14.Oturum - 1.Sunum - 11:35 - EMİNE ALKIN : ***The Effects of Heavy Metals in Food on Human Health***

14.Oturum - 2.Sunum - 11:50 - HAVVA TAV TAŞDAN : ***The Effect of Different Temperature and Time Applications on Some Properties Of Traditional Fried Clotted Cream***

14.Oturum - 3.Sunum - 12:05 - GİZEM ERBAŞ ÜNVERDİ , ELİF BALLIKAYA : ***The Novel Coronavirus Infection (covid-19) and Oral Health***

15.Oturum - 1.Sunum - 12:25 - AYŞE ŞAHİN , HİLAL GÜNSEL , ŞEYMA DOMBAYCIOĞLU , ALİ OSMAN AYDIN : ***Applications of Hexagonal Bor Nitride in Lithium-sulfur Batteries***

15.Oturum - 2.Sunum - 12:40 - KERİM DİNCER , FATİH MEHMET NUROĞLU : ***Comparative Analysis of Hourly Electricity Consumption on Weekdays and Weekends***

15.Oturum - 3.Sunum - 12:55 - KERİM DİNCER , FATİH MEHMET NUROĞLU : ***The Effects of Covid-19 on Electricity Consumption***

16.Oturum - 1.Sunum - 13:15 - GİZEM TERZİ : ***Investigation of Antimicrobial and Anticarcinogenic Bioactive Metabolite Production Potentials Of Local Streptomyces Strains***

16.Oturum - 2.Sunum - 13:30 - İMGE İHSANE ÖZCAN : **Problems and Solutions in the Breeding of Medicinal Plant**

16.Oturum - 3.Sunum - 13:45 - İLKNUR ARSLAN : **Fungal Diseases and Mold Flora in Amygdalus Communis**

17.Oturum - 1.Sunum - 14:05 - ARTİON KASHURİ , ROZANA LİKO : **Several New Bounds of Gauss-jacobi Type Quadrature Formula Pertaining To S-convex Functions**

17.Oturum - 2.Sunum - 14:20 - ÖZGE ÖKTEM : **Studies on the Determination of Ectoparasites and Their Prevalence Rates in Cattle In Izmir, Aydin And Muğla Regions**

17.Oturum - 3.Sunum - 14:35 - SELÇUK KODAZ , ATOM ATANASİO LADU STANSLUOS : **Effect of Osmotic Stress on Coleoptile Length in Barley Varieties**

18.Oturum - 1.Sunum - 14:55 - ÖZGE ILIKKAN : **Comprehensive Mining and Characterization of Crispr-cas System in Veillonella Spp.**

18.Oturum - 2.Sunum - 15:10 - MİHRİBAN ÜLKÜ KÖRK : **Determination of Knowledge Level Of Manager Personnel About Food Safety Management System in Four and Five Star Hotel Operations Of Antalya**
