



Last updated: May 17, 2022

FRIDAY 20.05.2022	10:00 – 10:15	Opening Speech by the Congress Chair Prof. Dr. Mehmet ÇEVİK YouTube Live Stream
	10:15 – 12:30	INVITED SPEAKERS YouTube Live Stream Prof. Dr. Bahattin Tanyolaç (Ege University, Dean of Engineering Faculty) Covid-19 Vaccines Dr. Yakup Genç (Gebze Technical University) Metaverse
	12:30 – 14:00	BREAK
	14:00 – 15:45	FRIDAY AFTERNOON SESSIONS 1-2-3-4 (FACE TO FACE)
	16:15 – 18:00	FRIDAY AFTERNOON SESSIONS 5-6-7-8 (FACE TO FACE)
SATURDAY 21.05.2022	10:00 – 11:30	SATURDAY SESSIONS 9-10-11 (ONLINE)
	12:00 – 13:45	SATURDAY SESSIONS 12-13-14 (ONLINE)
	15:00 – 16:45	SATURDAY SESSIONS 15-16-17 (ONLINE)

Friday 20.05.2022 (14:00 – 15:45)

	Session 1 Chair: Umut Ceyhan	Session 2 Chair: Tarkan Akderya	Session 3 Chair: Berra Gültekin Sınır	Session 4 Chair: Ayşe Kalaycı Önaç
14:00 – 14:15	ME2204_Determination of Poisson Ratios of Auxetic Chiral Structures Dilek Atilla Yolcu, Buket Okutan Baba	ME2213_The Effect of Acidic Environment on Bending Behaviour of Glass-C/Epoxy Based Hybrid Composites T Akderya, B Okutan Baba, N Horzum	CE2201_Stiffness Matrix Method Of 2d Truss Systems Using MATLAB Ayodele Akin Adamu	MT2201_HuBMAP Kidney Segmentation Using CNN 'S Models Mohammed Mansour, Mustafa Çağrı Kutlu
14:15 – 14:30	ME2205_Effects of Bio-Particles on Mechanical and Quasi-Static Punch Shear Behaviors of Glass/Epoxy Composites Halis Kandaş, Okan Özdemir	ME2214_The Effect of Cell Parameters on Poisson's Ratio of Auxetic Re-Entrant Structure Dilek Atilla Yolcu, Fatih İlgen, Tuğçe Karateke, B Okutan Baba	CE2207_The Critical Velocity and Post-Buckling Behavior of Axially Moving Beams with Poisson's Ratio B G Sınır, B Bozkaplan, P Keskin Şen	EC2202_Machine Learning in Power Line Communication Antony Ndolo
14:30 – 14:45	ME2207_On Modeling Three-Dimensional Motion of Slender Droplets over Substrates Using FE Method w Adptive Mesh Refinement Mert Özdoğan, Umut Ceyhan	ME2215_Effect of natural aging on mechanical properties of laminated composites Dilek Atilla Yolcu, Ceren Kepir, Cemgir Akdemir, Yusuf Güneş, B Okutan Baba	CE2208_Stability of Euler-Bernoulli Beams with Geometric Imperfection Berra Gültekin Sınır, Pelin Keskin Şen, Buse Bozkaplan	GM2202_Wildfire Remote Sensing Applications Souad Ghouzlane
14:45 – 15:00	ME2201_Reduction of Scrap Rate due to Tool Damage in Machining Ebubekir Atan	ME2206_Diameter and Pattern Effects of Al2O3 Balls on Ballistic Strength of Metal-Ceramic Composites Latif Tibet Aktaş, Mehmet Çevik	CE2211_Pürüzlü Mansaba Sahip Homojen Toprak Dolgu Barajın Üstten Aşma ile Yıkılma Senaryosu-nun Deneysel Olarak İncelenmesi ZBüyüker, ETaşkaya, GBombar, GTayfur	UR2201_Significance of sustainable transportation in the scope of urban adaptation to climate change Sid Mohammad Boroomandrad, Hande Günde, Ayşe Kalaycı Önaç
15:00 – 15:15	ME2202_Impact Analysis of Sandwich Composite with Auxetic Core Naim Şen, Buket Okutan Baba	BT2201_Developments in breeding approaches towards the conservation of Pepper (Capsicum spp.) germplasm in Nigeria. Anjola Aninkan, Mutiu Amusa	MI2201_Optimization of Uranium Ore Leaching Process Mahamane Chapiou Souley Garba, Abdoul Rachid Chaibou Yacouba	UR2202_Sürdürülebilir Kentsel Dönüşümde Yeşil Alt Yapı Sistemlerinin Önemi Amanullah Zamani, Gökçe Gönüllü Sütçüoğlu, Ayşe Kalaycı Önaç
15:15 – 15:30	ME2211_The Use of Lignocellulosic Fibers as Fillers/Reinforcements in Polymer Composites Kutlay Sever, Mustafa Öncül, Metehan Atagür		MI2202_Removal of Hazardous Metals from Copper Smelting Slag using MCP Monohydrate Mahamane Chapiou Souley Garba, Erol Kaya, Abdullah Seyrankaya	OR2201_Assessment of Climate Change Impacts on Streamflow Pattern of Harirud River Basin: A Case Study of Afghanistan Khailullah Zulal, Alper Baba
15:30 – 15:45				EC2201_Law and Ethics of Reliable Artificial Intelligence Antony Ndolo

Friday 20.05.2022 (16:15 – 18:00)

	Session 5 Chair: Ahmet Aykaç	Session 6 Chair: Özlem Çağındı	Session 7 Chair: Faruk Özger	Session 8 Chair: Fethullah Güneş
16:15 – 16:30	NT2202_Synthesis and Characterization of Silver Quantum dots from Moringa Oleifera leavesseeds extracts Jonathan Nyan Kulah, Ahmet Aykaç	AE2201_The Roughage Problem and Solutions in Animal Feeding in Chad Djidda Oumar Ambadi	MA2204_The Analysis of a Fractional Dynamic Model for the Viscoelastic Pipe Conveying Fluid D D Demir, B G Sınır, Yaren Üney	CM2202_Conceptual Understanding of Non-Stick Cookware Coatings Jabir Ismaeili, Bikem Övez, Jigneshkumar Patel
16:30 – 16:45	NT2203_Synthesis and Characterization of Furfural Based Nanoemulsion ut Nerium Oleander PI Extracts Ramanan Ganapathy, Ahmet Aykaç	AE2209_Polimer ve Hüyük Asit Uygulamalarının Bazı Toprak Strüktürel Parametrelerinin Gelişimi üz Etkileri Hachim Kassim, Nutullah Özdemir	MA2212_Infinite Matrices and Approximation Theory Faruk Özger	MS2201_Production of Radar Absorbing Composite Materials Using Carbon Nanotubes B Şentürk, Hüsnügül Yılmaz Atay
16:45 – 17:00	NT2204_A defected 1D phononic crystal based on fano resonance for ultra-sensitive gas sensing apps Shrouk E. Zaki, Md A. Basyooni	AE2210_Importance of Passive Immunity Transfer in calves Influencing Factors & Measure Methods Alpha Saloum Cisse	PS2201_Transparent Semiconducting Oxide Thin Films Janan Jumaa	MS2204_An Investigation of the Process Parameters on the Boronized EN-GJL25 by Pack Boronizing M Okul,F Güneş,C Eren,S Güler,Yavaş
17:00 – 17:15	NT2205_Van-der Waals 2D Nanostrd MoS2 and WS2-Si Heterostructure Photodetector under Different Env Stimuli for High Yield Optoelectronics MA Basyooni,SE Zaki, Eker,M Yılmaz	FE2201_The Effect of Functional Foods on Mood, Cognitive Function and Well-Being Duygu Benzer Gürel, Özlem Çağındı	PS2202_Investigation of Polyphenols-Membrane Interactions by Biophysical Methods Shehneela Jamil	MM2202_Production and characterization of industrial waste quartz-added fired clay bricks S Güler, A Yavaş, M Sütçü
17:15 – 17:30	NT2206_Donor impurity-related photoionization cross section in (Al,Ga)N/AlN double triang quantum wells under applied electric field W Belaid,El Ghazi, Kılıç, Zorkani	FE2203_Beslenmede DHA ve EPA' nın Önemi ve Biyoerişilebilirliği Cemile Bingöl, Özlem Çağındı	PS2203_The Potentials of wide Bandgap (WBG) Semiconductors in UV Detection Ala Jihad	MM2204_Ti6Al4V Altlıklara Uygulan Termal Oksidasyon İşleminin EPD Yöntemiyle Hidroksiapatit (HA) Kaplama Verimliliğine Etkisinin İnc. A Kızılöz, Kanbur, Sargın, Özten, Türk
17:30 – 17:45	NT2207_Synthesis & characterization of graphene quantum dots functionalized silver nanoparticles from Moringa Oleifera plant extract Jonathan Nyan Kulah, Ahmet Aykaç	FE2205_The Importance of Cereal Based Foods to Prevention of Iron Deficiency E Erdağ Akca, Ö Çağındı, Ergun Köse	OR2203_The World Bank and its Roles toward Health: Common Criticisms Abdullahi İ Janay, Bülent Kiliç	MM2203_PVA Nanofiber Üretiminde Triton X-100 Kullanımının İncelenmesi Almila Özten, Fatih Sargın, Kürşat Kanbur, Alperen Kızılöz, Ahmet Türk
17:45 – 18:00		HS2201_Organoleptic and Medicinal Properties f Camel Urine&Camel Milk W Ayodele Abibu, Gafar B Bamigbade, A Omotosho Sakariyau, K A Oyebisi, A I Janay, A Javed	CH2202_The Removal Studies of Setacryl Blue W-FGRL Dye on Vine Stem Wastes Ebru Mavioglu Ayan, Gökhan Zengin, Mohammad Zakir Pardis	PE2201_A Comparison of The Performances of Conventional and Low Salinity Water Alternating Gas for Displacement of Oil E Bucyanayandi, İ Kocabaş,M S Ergül

Saturday 21.05.2022 (10:00 – 11:30)					
HALL 1 Zoom Meeting ID: 310 153 7589 Passcode: 112233		HALL 2 Zoom Meeting ID: 462 161 8453 Passcode: 112233		HALL 3 Zoom Meeting ID: 999 975 9118 Passcode: 112233	
Session 9 Chair: Figen Kırkpınar		Session 10 Chair: Ayşe Kalaycı Önaç		Session 11 Chair: Faruk Özger	
10:00-10:15	AE2202_Ruminant Beslemede Enterik Metan Salınımını Azaltmaya Yönelik Stratejiler Nagehan Nur Altan, Muazzez Cömert Acar	FE2206_Yüksek Kalsiyum İçeriğine Sahip Gıda Sanayii Atığı: Yumurta Kabuğu Mustafa Dedeoğlu, D Akarca, N Savlak, E. Köse		MA2211_Henstock-Orlicz space and its importance Bipan Hazarika	
10:15-10:30	AE2203_Hydroponic Fodder Production: An Alternative Solution for Feed Scarcity Roukaya Ghorbel, Nedim Koşum	HS2202_Stigmatization among People Living with HIV/AIDS at the Kumba Health District, Cameroon Thomas O. Egbe, C. Adanze Nge, H. Ngouekam, Etienne Asonganyi, Dickson Shey Nsagha		MA2210_An existence result for implicit fractional order integral equation in L_p ($1 \leq p < \infty$) space using generalized Darbo's f. point theorem Inzamamul Haque	
10:30-10:45	AE2204_Organik Etlik Piliç Karma Yemlerine Zeolit İlavesinin Performans Üzerine Etkileri Özgün Işık, Figen Kırkpınar, Yılmaz Şayan	OR2202_Organoleptic Properties and Nutritional Composition of Ready-to-Eat Soya Bean Curd (Awara) Sold in Wudil Town, Kano- Nigeria Y. A. Bala, A. F. Umar, A. A. Shehu		MA2209_Weighted (N,p,q)(E,q) Ideal Convergent Sequence Spaces Ekrem Alimi	
10:45-11:00	AE2205_Etlik Piliçlerin Beslenmesinde Performansının İyileştirilmesine Yönelik Uygulamalar A Boztunç, Helin Atan, Zümrüt Açıkgöz, Figen Kırkpınar	OR2204_Physicochemical, Microbiological and Sensory Characteristics of Sudanese White Cheese (Gibna Bayda) as Affected by Storage Temperature Hanaa M. A. Salih, Mohamed O. M. Abdalla		MA2208_On q-Bernstein-Stancu-Kantorovich Operators with some approximation properties Mohammad Ayman Mursaleen	
11:00-11:15	AE2206_Antibiotic Free Poultry Production- Focus on Antimicrobial Resistance, Challenges, and Alternatives Eric Niyonshuti, Figen Kırkpınar	AE2208_Hydroponic Technology for Green Fodder Production: Concept, Advantages, and limits R. Ghorbel, J. Chakchak, N. Kosum, N. S. Cetin		MA2207_Approximation by Generalized Baskakov-beta Operators and its Convergence Properties Mohd Qasim	
11:15 – 11:30	AE2207_Kanatlı Hayvanların Beslenmesinde Hidroponik Yemlerin Kullanılması H. Atan, A. Boztunç, Figen Kırkpınar, Zümrüt Açıkgöz			MA2205_Inequalities for Riemannian Submersions Involving Casorati Curvatures: A New Approach Gülistan Polat, Bayram Şahin, Jae Won Lee	

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Zoom Meeting ID: 310 153 7589 Passcode: 112233		Zoom Meeting ID: 462 161 8453 Passcode: 112233		Zoom Meeting ID: 999 975 9118 Passcode: 112233	
Session 12		Session 13		Session 14	
Chair: Ahmet Aykaç		Chair: Levent Aydın		Chair: Derya Doğan Durgun	
12:00 – 12:15	AC2201_Nomination of Ksar Kourdane in Laghouat, Algeria to the UNESCO World Heritage List Fatih Imane Mahcar	12:00 – 12:15	ME2209_Free Vibration Analysis of Functionally Graded Beams with Non-uniform Cross Section Uğur Özmen, Bozkurt Burak Özhan	12:00 – 12:15	MA2202_Survey of Equi Integrity Value in Graphs Eray Sam, Derya Doğan Durgun
12:15 – 12:30	AC2202_The Impact of Globalization on Architectural Production in Algeria Regarding Post-Colonial Identity Nadja Fellahi	12:15 – 12:30	ME2203_Photovoltaic system efficiency enhancement with thermal management: Phase changing materials (PCM) with high conductivity inserts Sylevaster Kyaligonza	12:15 – 12:30	MA2203_Jeodezik Baskın Bütünlük Değeri Şeyma Onur, Gökşen Bacak Turan
12:30 – 12:45	UP2201_The Carbon Capture Potential of Urban Forests Gökçe Gönüllü Sütçüoğlu, Ahenk Karci Demirkol, Amanullah Zamani, Ayşe Kalaycı Önaç	12:30 – 12:45	ME2210_Gövde Borulu Isı Değıştiricilerin Matematiksel Modellenmesinde Alternatif Yaklaşımlar Çoruh Aydın, Ahmet Kırhan, Anıl Başaran	12:30 – 12:45	MA2201_A review on free families of Chebyshev–Halley type methods with or without memory for solving nonlinear equations Bana Ali Raba, Fadime Dal
12:45 – 13:00	UR2203_Designing children and teenagers education center with an optimal architectural approach to energy consumption Arezou Mamghani, Ayşe Kalaycı Önaç	12:45 – 13:00	ME2212_Optimization of Process Parameters for Minimum Acceleration on Turning Machine by Using Stepwise Nonlinear Regression Analysis Melih Savran, Mert Kırkoğlu, Levent Aydın	12:45 – 13:00	CS2201_Derin Evrişimsel Ağlar Kullanarak Sahte İmza ve Gerçek İmza Sınıflandırılması Ahmet Çınar, Tuba Talo
13:00 – 13:15	GM2201_Kerkük'deki Şehir Yeşil Alanlarının Uzaktan Algılama ile Zamansal Değışim Analizi Mohamed Hasan Mohamednori, Özşen Çorumluoğlu	13:00 – 13:15	MT2202_A Preliminary Experimental Study on the Effect of Reynolds Number on the Lift and Drag of a NACA-4415 Airfoil H C Ayaz Ümütlü, Z Kırıl, Z Haktan Karadeniz	13:00 – 13:15	CS2203_COVID19 Tespitinde Görüntü Segmentasyonunun Başarısı: UNET vs WNET Lütfü Bayrak, Ahmet Çınar
13:15 – 13:30	BE2201_Exploring the impact of environmental dynamism on the organizational structure and strategic posture. Muhammad Ali	13:15 – 13:30	EL2201_YSA Yardımıyla Fotovoltaik Sistemlerin Geliştirilmesi Alkhansa Osman Mohammed Abdalla, Güven Önbilgin	13:15 – 13:30	CS2204_Schizophrenia Detection and Classification With EEG Signals By Using Hybrid Deep Learning and Machine Learning Algorithms Taner Tuncer, Büşra Çetin Söylemez
13:30 – 13:45	MB2201_Regulation of Oligoribonuclease on pathogenicity of Pseudomonas aeruginosa Ousman Bajinka	13:30 – 13:45	ME2208_Optimization of Particle Conveying Systems by Using Air Amplifier with FE Method Analysis Seyed S Soleimani, Okan Özdemir	13:30 – 13:45	

Saturday 21.05.2021 (15:00 – 16:45)					
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Zoom Meeting ID: 310 153 7589 Passcode: 112233		Zoom Meeting ID: 462 161 8453 Passcode: 112233		Zoom Meeting ID: 999 975 9118 Passcode: 112233	
Session 15		Session 16		Session 17	
Chair: M. Mustafa Bahşı		Chair: Mehmet Alper Çankaya		Chair: Ziya Haktan Karadeniz	
15:00 – 15:15	CH2201_Squamous Cell Carcinoma (SCC)(Oral Cancer) Treatment by Magnetic Nanoparticles (Hyperthermia Method) :A review Yousra Bashir Fathalrhman Altayeb, Ecir Yılmaz	15:15 – 15:30	CE2204_Karşılaştırmalı Trafik Atama Teknikleri ile Ulaşım Şebeke Performans Analizi Obaidullah Khpalwak	15:30 – 15:45	IE2201_Effects of Supply Chain Strategies on Business Performance Derya Eren Akyol, Pinar Demirel Güngör
15:15 – 15:30	CM2201_Removal of Basic Yellow 28 Dye from Aqueous Solution by Adsorption w Calcium Bentonite Elsada Neziri, D Açıkgül, D Duranoğlu Dinçer	15:30 – 15:45	CE2205_Analyzing usability of two different land use/land cover datasets on hydrological modeling using SWAT in the Kokcha river basin Sayed Amir Alawi	15:45 – 16:00	OH2201_Effects of Electrical Current Passing through the Human Body and Safety Requirements Najmuddin Noorzad, Sırrı Sunay Gürleyük
15:30 – 15:45	NT2201_Depolymerization of low molecular weight chitosan&its impact on purity&deacetylation Ramanan Ganapathy, Ahmet Aykaç	15:45 – 16:00	CE2206_Flexural Behavior of Steel Fiber Reinforced Concrete Beams Mehmet Alper Çankaya, Çetin Akan	16:00 – 16:15	CE2212_Assessment of Soil Erosion Using the Revised Universal Soil Loss Equation (RUSLE) Ahmad Ansari
15:45 – 16:00	MS2203_Effect of Boriding on Corrosion Resistance of AISI 1050 Steel Alloy Safiye İpek Ayvaz	16:00 – 16:15	CE2209_Effect of Flow Contraction on the Bridge Pier Scour Evolution Waheedullah Mohammadkhail, Gökçen Bombar, António Heleno Cardoso	16:15 – 16:30	MI2203_Beneficiation of a Sulfurous Iron Ore by Magnetic Separation and Reverse Flotation Amirabbas Mohammadhassani, Ebru Özpek, Erol Kaya, Mahamane Chapiou Souley Garba
16:00 – 16:15	MS2205_Effects of Temp,Coupling,Ga composition, Impurity Position, and Size on the Binding Energy in (Al,Ga)N/AIN Double Rectangular, Parabolic& Triangular Quantum Wells under Electric Field Walid Belaid, Haddou El Ghazi, Redouane Ennadir, Hamdi Şükür Kılıç, Izeddine Zorkani	16:15 – 16:30	CE2213_Hareketli tabanlı açık kanal kavşaklarında ayırma duvarı uzun-luğunun morfodinamik yapıya etkisi Aboukachi G. Nyame, G. Bombar, António Heleno Cardoso	16:30 – 16:45	MM2201_Borlama İşleminin AISI 8740 Çeliğinin Yüzey Özelliklerine Etkisinin İncelenmesi İlyas Türkmen
16:15 – 16:30	MS2202_Effect of SiC on Wear Resistance in Microwave Sintered Al-SiC Composites Mehmet Ayvaz	16:30 – 16:45	CE2202_Simetrik Akarsu Kavşağında Elde Edilmiş Hız Zaman Serisinin İstatistiksel Analizi António Heleno Cardoso, Büşra Öztürk, Zehra Büyüker, Ebru Taşkaya, Gökçen Bombar	16:45 – 17:00	ME2217_Fouling Assessment in Plate Heat Exchangers Using Machine Learning Ceren Vatansever, Ziya Haktan Karadeniz
16:30 – 16:45		16:45 – 17:00	CE2203_Quadrant Analysis of the Flow Field in a 90° Lateral Water Diversion Joana Vaz Baltazar,Büşra Öztürk,Gökçen Bombar, António Heleno Cardoso	17:00 – 17:15	ME2216_Finite Element Vibrational Analysis of a Porous Functionally Graded Plate Alif Ngimbi Diambu, Mehmet Çevik
GENERAL EVALUATION AND CLOSING					