

Iran Time, UTC +3:30

Dr. S. Mohammad-Reza S. Noorani

09.00-10.40	Session 1: Mechanical Engineering Tuesday Room 1
	Creating micro-scale mixing by controlled diffusion Tuhid Pashae Golmarz, Saleh Khorasani
	Simulation of the failure in an aluminum alloy using a comprehensive damage model Ali Zahedi
	Experimental Investigation of Nozzle Diameter Effect on Tensile Strength of PLA Material in FDM Processes Farid Gholipour, MohammadReza Shabgard, Mohammad Baraheni, Mojtaba Farhudian
	Dynamic response of a curved composite beam under moving mass Hadi Teymouri, Ghadir Ahmadi Jeyed, Hasan Biglari, Nazli Sami
	Free vibrations of functionally graded sheets using HSNDT Hadi Teymouri, Kaveh Karimkhani, Erfan Rahmatzadeh, Hasan Biglari
	Deformation analysis of elastic plate under static extended loading by FEM Arya Gholami, Hadi Teymouri, Amirreza Nikmard, Aidin Badiee, Hasan Biglari
	Numerical analysis of composite beams with piezoelectric actuators Rasa Rahimi Behbood, Hadi Teymouri, Hasan Biglari, Taraneh Sheidaei
	Finite element analysis of tensile testing for Carbon fiber Epoxy composite plate Amir Javadzadeh Khoei, Mohammad Reza Khoshrahan Azar
	Characterization of fracture behavior of the aluminum alloy 6061 using an uncoupled fracture criterion Ali Zahedi
	Two-phase numerical simulation of an inkjet nozzle using the level-set method Paniz Rezazadeh Azar, Sajad Rezazadeh, Maziar Javadi, Mirmahdi SeyedValilu

Dr. S. Mohammad-Reza S. Noorani

10.50-12.30	Session 2: Mechanical Engineering Tuesday Room 1
	Thermo-economic evaluation and comprehensive analysis of a power generation system based on flame-assisted fuel cells and supercritical carbon dioxide cycle Amirreza Javaherian
	Finite Element Analysis of CFRP and GFRP Compressed Natural Gas Maryam Ranjbar
	Skin Imaging methodology to improve analysis of geometric deviation Elnaz Ghanbary Kalajahi
	Modeling, resizing and optimization of HEV for FTP driving cycle Reza Yasoubi
	The numerical simulation of fluid-structure interaction by phase-field method Sajad Rezazadeh
	Numerical simulation of compact heat exchanger with dynamic moving walls Sajad Rezazadeh
	Numerical study of heat transfer on the surface of the cone Ghazaleh Babazadeh Asbagh
	Numerical investigation of the effect of different parameters in preventing the emission of polluting gasses in a room using air curtains Ghazaleh Babazadeh Asbagh
	Exergetic and thermoeconomic analysis of biogas motorized cogeneration systems used in wastewater treatment plant Oğuzhan DAĞCI
	Estimation of critical rotary velocity of stepped shaft using Dunkerley and FE methods Hadi Teymouri

Dr. S. Mohammad-Reza S. Noorani

12.40- 14.10	Session 3: Mechanical Engineering Tuesday Room 1
	LCCP and TEWI Evaluation for Various Refrigerants Used in Refrigerated Display Cabinets Melis Öder
	Effects of burial depth in the behavior of buried pipelines subjected to traffic load Arsalan Amanollahi-Asl
	Simulation and analysis of fracture toughness and crack propagation in a composite sheet based on multi-scale modeling method Ghadir Ahmadi Jeyed
	Obtaining the buckling capacity of composite pipe under axial load and external pressure Arsalan Nojavan Kohnehshahri
	Fluid flow and heat transfer of water-based nanofluids in plate-fin heat sink Ali Rahbar
	Numerical investigation of pressure drop and heat transfer using nanofluids in microchannels Milad Rezaei
	Natural frequency analysis of a plate strengthened in dry and underwater conditions in the presence of added mass effects Ghadir Ahmadi Jeyed
	Enhancing Vehicle Stability and Yaw Performance Using Sliding Mode Control Based on Nonlinear Model Amirreza Mirzajani
	Influence of Soil Characteristics on the Performance of Buried Pipelines under Traffic Load Arsalan Amanollahi-Asl

Prof. Dr. A. Khorshiddoust

14.20-15.50	Session 4: Environmental Engineering Tuesday Room 1
	Remote Sensing and Hydrometeorological Analysis of River Delta Dynamics: A Case Study of the Kur River Delta Turkan Mamishova
	Ecological characteristics of sea water and seabed on the northern shores of the Absheron Peninsula Abulfas Allahverdiyev
	Prediction of water quality indices utilizing easily accessible elements (case study: Qatur River) Milad Sharafi
	Where are the most qualified parks located? (Case study: city of Tabriz) Elmira davatgar khorsand
	Enhancing water treatment efficiency: a study on coagulant dosage prediction in water treatment plant Milad Sharafi
	Evaluation of urban environmental quality in District 4 of Tabriz metropolis using CRITIC model Hassan Mahmoudzadeh
	Evaluation of quantile mapping and linear scaling bias correction methods for NASA-IMERG historical monthly precipitation data. Ahmad Abu Arra
	Iranian Gardens as Nature-based Solutions to Improve Thermal Comfort Arman Rastkhadiv
	AQI-based box model using GIS and remote sensing over Kirkuk city, Iraq Huda Jumaah

Prof. Dr. A. Khorshiddoust

16.00-17.20	Session 5: Environmental Engineering Tuesday Room 1
	Hospital site selection using AHP-based GIS in Tikrit City, Iraq Huda Jumaah
	Application of remote sensing methods and tools in detecting pollution in the Caspian Sea and their impact on the water surface temperature of the Azerbaijan Ismayil Zeynalov
	Spatiotemporal Dynamic Simulation of Carbon Storage and Sequestration in response to Land Use/Land Cover Changes Bahman Veisi Nabikandi
	An Integrated Model-Data Fusion Approach to Measuring the Habitat's Quality and Degradation in Marivan County Bahman Veisi Nabikandi
	Assessing Cultural Ecosystem Services of Urban Agriculture: Analysis of Small-Scale using Smart-PLS Software Arman Rastkhadiv
	Spatial Analysis of photosynthesis function in reducing air temperature in Tehran parks Ali Tymoori
	The Study of Water Pollution Caused by Wastewater Entering Mehranrud River in Tabriz Mohammadreza Jafarnezhad
	The Impact of Geotourism on Sustainable Development in Mountainous Areas: A Case Study of Kamtal National Park Mahdi Javadi

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17.30-18.50	Session 6: Environmental Engineering Tuesday Room 1
	Spatial Analysis of photosynthesis function in reducing air temperature in Tehran parks Ali teymoory
	Geotourism in Kandovan Village: A Stunning Blend of Natural Wonders and Rock Architecture Mahdi Javadi
	Spatial-temporal patterns of Nitrogen Oxides ($[\text{NO}]_x$) with Sentinel-5 satellite imagery (Kurdistan Region of Iraq) Nader Habibzadeh
	Analysis of environmental pollution caused by the movement of dust particles Peyman Yariyan
	Evaluation of the environmental effects of Sungun copper mine using the DPSIR framework Mohsen Aghayari Hir
	Ranking of Factors Affecting the Development of Tourist Attractions in Khoy City: An Application of the OPA Method Kosar Sakhaeian
	An Analysis on smallness index of residential parcels of the urban fabric in Tabriz city Alireza Omidpour
	Estimation and Comparison of Evaporation Losses from the Dam Reservoir Using Intelligent Gene Expression Programming Model and Empirical Methods (Case Study: Sattarkhan Ahar Dam) Reza Delirhasannia

Dr. L. Naghipour

09.00-10.40	Session 7: Geomatics Engineering Tuesday Room 2
	Down-scaling of MODIS land Cover product using Landsat images to detect changes in Google earth Engine Mostafa MahdaviFard
	Geospatial arbitrations with Landsat and Sentinel images in evaluating temperature variations over the New Delhi region of India Jagadish Kumar Mogaraju
	Hydrological analysis for disaster management in Şanlıurfa region Berra Nur Öney
	Road extraction with high-resolution UAV images using deep learning algorithms Halil İbrahim Şenol
	Assessment of Green Space Changes Using NDVI Index Via Google Earth Engine and ArcGIS Platforms, case study: Isfahan, Ahvaz, and Maragheh Cities, Iran Paria Ali Mohammadi
	Graph neural networks in determining the road network Nurettin Sinanoğlu
	A Geospatial Approach to Vegetation Monitoring: Multi-Indices Analysis with Landsat 8 via Google Earth Engine Emre Akturk
	Harnessing Solar Energy: Mapping the Potential and Performance of Middle Eastern Countries Meysam Hasanzadeh

Dr. M. Jeihouni

10.50-12.30	Session 8: Geomatics Engineering Tuesday Room 2
	Local climate zone classification using deep learning and remote sensing data Melike Nicancı Sinanoğlu
	Monitoring post-earthquake debris removal process with multi-temporal Sentinel 2 satellite imagery: The case of Antakya Ugur Alganci, Dursun Zafer Seker
	Enhancing Warehouse Efficiency Through Geographic Information Systems Muhammed Enes Atik
	Emergency and Terminated Evacuation of Supermarket Warehouse Using Indoor Navigation by Dijkstra's Algorithm Deniz Doga Isik
	Comparing the accuracy of extracting surface features from Landsat and UAV imagery Mohammad Saleh Chavoshi
	Identifying the Available Lands for Solar Energy Farms Using GIS Spatial Analysis: Case Study, Kirkuk City and its Suburbs qayssar ajaj
	A Satellite-based Monitoring for Air Pollution in Urban Areas (Case Study: Tabriz City) Arash RahmaniZadeh
	Monitoring and Forecasting of Spatiotemporal Expansion Pattern of Tabriz Metropolis during in a period of 30 years Hassan Emami
	Evaluation of Integration and Accessibility Metrics for Metropolitan Metro Lines Esra Gizem Ugur
	Understanding the Relationship Between Seismic Events and Atmospheric Conditions, A Case Study of Antakya Abdullah Sukkar, Ugur Alganci, Dursun Zafer Seker

Dr. L. Naghipour

12.40-14.10	Session 9: Geomatics Engineering Tuesday Room 2
	Fire-risk assessment with Dong model based on anthropogenic and natural factors (study area: Arasbaran forest) Khalil Valizadeh Kamran
	Comparative Analysis of 3D Models Generated by Close Range Photogrammetry and Smartphone-Based LiDAR Sensor Koray Aksu
	Hyperspectral classification of minerals using K-means and PLS-DA models Sadra Karimzadeh
	Investigating and zoning flood risk in the Kashaf River basin using multivariate method Khalil Valizade Kamran
	Optimal Spatial Distribution of Mosques in The City of Hillah / Iraq Using Evolutionary Algorithms and Geographic Information Systems. Abolfazl Ghanbari
	Monitoring post-earthquake debris removal process with multi-temporal Sentinel 2 satellite imagery: The case of Antakya Ugur Alganci
	Evaluation of the relationship between the ecological spatial inequality with the parameters of urban heat islands, population and green space of Tabriz metropolis Mir Ali Seyed Mosaffayi
	Evaluation of the Impact of Air Pollution Parameters on Land Surface Temperature of the Metropolis of Tabriz. Mir Ali Seyed Mosaffayi
	Assessing of spatio-temporal changes of Normalized Impervious Surface index (case study: metropolis of Tabriz) Khalil Valizadeh Kamran

Dr. M. Jeihouni

14.20- 15.50	Session 10: Geomatics Engineering Tuesday Room 2
	Evaluating Land Surface Temperature Variations around Fault Lines and Their Correlation with Groundwater Levels Using Remote Sensing Fateme Sedghi
	Exploring Spectral Reflectance and Classification of Wheat, Barley and Alfalfa Crops Using Hyperspectral Imaging Fateme Sedghi
	Identifying the Available Lands for Solar Energy Farms Using GIS Spatial Analysis: Case Study, Kirkuk City and its Suburbs Ghadah Mohammedfath
	Monitoring surface water area changes of Najaf Sea in Iraq using RS and GIS for sustainable development Abolfazl Ghanbari
	Sustainable ecological development planning (case study: County of Tabriz) Shahram Roostaei
	Investigating the influence of atmospheric parameters on Aerosol optical depth in Iran Sajedeh Morady Par
	Hyperspectral remote sensing in environmental studies Mehrdad Jeihouni
	Remote sensing applications in agriculture Mehrdad Jeihouni
	Smart agriculture Mehrdad Jeihouni

Dr. B. Khorrami

16.00-17.30	Session 11: Geomatics Engineering Tuesday Room 2
	Surface soil moisture Retrieval using Sentinel-1 SAR data models Dubois in Ardabil Plain Maryam Sadeghi
	Exploring the Potential of U-Net Architectures for Classifying Different Maize Genotypes Using Multispectral UAV Imagery Ismail Colkesen
	Monitoring Land Cover Changes by Satellite Images Using Deep Learning Neural Network Models in Tehran with a Sustainable Development Approach Mahdi Farhangi
	Virtual Field Practice Education for Total Station Veli İlçi
	Engineering approaches to reduce seismic vulnerability based on spatial analysis Peyman Yariyan
	Precise digital twin production by UAV and TLS data fusion Muhammed Madak
	Creation of Coefficient of Friction Maps of Flood Areas with Remote Sensing Technique Yunus Tektaş
	Transformer Based Land Use and Land Cover Segmentation Cengiz Avcı
	Investigation of real estate sales to foreigners in Turkey based province and year Nuri Erdem

Dr. B. Khorrami

17.40-19.20	Session 12: Geomatics Engineering Tuesday Room 2
	3D Documentation of an Archaeological Cave in Şuayip City, Şanlıurfa nizar polat
	Production of agricultural cadastre map using object-oriented processing of UAV images of Tabriz farms Habil Khorrami
	Impact of Different Image Acquisition Modes on the Multispectral UAV-Based NDVI Maps ILYAS AYDIN
	Thermal Analysis of Building Facades Using UAV Emine Beyza Dörtbudak
	Quantifying Land Surface Temperature through Multispectral Landsat-9 Satellite Images Mohammadali Abbasi
	Assessment of Stubble Fire Severity Using Sentinel-2 Satellite Imagery and Normalized Burn Ratio in the Region Between Çınar and Mazıdağı Yunus Kaya
	The effect of ground control point distribution in the improving of UAV corridor mapping accuracy Mobina Ahmadi Asoor
	Automated Insulator Defect Detection in UAV images for Power Line Monitoring using YOLO-v8 Model Ebadat Ghanbari Parmehr
	Detection of stress in rice fields using satellite images and plant spectral indices Ebadat Ghanbari Parmehr
	Accuracy analysis of strawberry field detection using different machine learning algorithms and vegetation indices on the Google Earth Engine Ceren Akgül, Füsün Balık Şanlı, Osman Salih Yılmaz

Dr. S. Samadianfard

09.00-10.40	Session 13: Agricultural and Biosystems Engineering Wednesday Room 1
	Smart Agriculture: Leveraging Information Technology and Human Expertise for Sustainable Farming Adel taheri hajivand
	Salinity Risk Assessment Using Soil and Remote Sensing Data in Alshataniyeh Region, Iraq Raad ALZubaidi
	A Review of Artificial Intelligence Optimization Algorithms In Scheduling Problems With Constrained Resources In Mechanization. adel taheri hajivand
	Investigation of pigment extraction from dry and wet microalgae Hanieh Shokrkar
	Exploring Green Chili Pepper Recognition in Dense Foliage Greenhouses Using Deep Learning Segmentation Algorithms for Robotic Harvesting Hossein Navid
	Intelligent Seed Type Detection for Seed Drills Using Logistic Regression and Infrared Sensors Hossein Navid
	Investigation of daily reference evapotranspiration modeling with up to three meteorological parameters at Bandar Abbas station Parastoo Amirzehni
	Design and Implementation of an Unmanned Agricultural Machine for Automated Driving and Spraying Veli İlçi
	Estimating daily reference evapotranspiration using remote sensing parameters by implementing Extreme Learning Machine optimized by Quantum-Inspired Algorithm Parastoo Amirzehni
	LSTM Deep Learning for Acoustical Sorting of Jujube Fruits Sayed Javad Sajadi

Dr. M.A. Maysami

10.50- 12.30	Session 14: Agricultural and Biosystems Engineering Wednesday Room 1
	Estimating reference evapotranspiration in an arid region using a MODIS sensor and machine learning algorithms Hamed Talebi
	Artificial Intelligence (AI) in Agricultural Mechanization: A Mini Review Reza Kheyri
	A novel deep learning-based method for Potato Leaf Disease Classification adel Taheri hajivand
	Design and Construction of distilled water machine Behnam Gharibeh
	Assessing the Impact of Climate Change on Evaporation in Maragheh Region Using Time Series Models Reza Delirhasannia
	Estimation of fractional vegetation cover dynamics based on remote sensing in Shabestar, Iran Abolfazl Majnooni Heris
	Applying urban planning strategies in order to achieve biophilic approach Case study; District 2 of Tabriz metropolis Abolfazl Ghanbari
	Empirical Bayesian Kriging for Soil Available Phosphorus Mapping Ali Keshavarzi
	Comparison of geospatial based interpolation techniques for spatial distribution of Soil Organic Carbon (SOC) Ali Keshavarzi
	Prediction of potato leaf disease severity using deep learning regression Sayed Javad Sajadi, Fakhtak Taliei

Dr. M. Razavifar

12.40-14.00	Session 15: Chemical Engineering Wednesday Room 1
	Effect of Thermal Pre-Treatment of gamma-Alumina and Ceria-Zirconia on Three-Way Catalyst Performance Yousef Zaynali
	Humidification Modeling in a Wetted Wall Tower Kamran Keynejad
	Modeling of Ultrasonic Reactor and Investigation of Pressure Distribution Kamran Keynejad
	Optimization of effective parameters on catalytic performance in zone-coated three-way catalyst using Taguchi method Yousef Zaynali
	Investigating the amount carotenoid extraction using chemical methods from microalgae Hanieh Shokrkar
	Using Tween solvent to extract chlorophyll and carotenoids from <i>Chlorella vulgaris</i> Hanieh Shokrkar
	A Facile Synthesis Method of Bis(Ethanolammonium) Hexahydroxoplatinum (IV) Solution for Platinum Supported Catalysts Faezeh Farrokhpey
	Boosting the photocatalytic activity of ZnCo ₂ O ₄ spinel via anchoring on graphene nanoplatelets for removing the ciprofloxacin antibiotic Azadeh Ebrahimian Pirbazari

Dr. M. Razavifar

14.10-15.30	Session 16: Chemical Engineering Wednesday Room 1
	Study the effect of morphology and structure of CeO ₂ /TiO ₂ and CeO ₂ /ZrO ₂ heterostructures on the degradation efficiency of tetracycline Mohammad Moradi
	Modeling a Recuperator to Investigate Velocity Distribution and Pressure Drop by Varying the Cross-Section Geometry of its Pipes Kamran Keynejad
	Removal of hydroquinone from aqueous solution using novel Fe-Mg bimetallic oxide: synthesis, characterization and isotherm modeling Hesam Malekzaddeh
	Study of pH effect on the degradation of naproxen in aqueous solution using MnO ₂ photocatalyst Zahra Nasrollahi
	Modeling of Fluid Flow and Heat Transfer Inside Fin-and-Tube Heat Exchanger with Hexagonal Cross-Section of Tubes Reza Ghafari, Zahra Nasrollahi, Hedayat Azizpour, Kamran Keynejad
	Complete photocatalytic removal of Ciprofloxacin using NiAl ₂ O ₄ spinel grafted on graphene nanosheets Elnaz Pazdar
	The Deposition-precipitation of Plasmonic Ag/Ag ₃ PO ₄ Nanoparticles on ZnS Micro/nanospheres for Photocatalytic Treatment of Methyl Orange and Tetracycline Artificial Effluents Sogand Rajaei Farid
	Factors Affecting the Electrolysis of Sodium Chloride by a Membrane Electrochemical Cell for the Production of Sodium Hydroxide in an Environmentally Friendly Method Mohammad Amin Habibi

Dr. A. A. Ghavifekr

15.40-17.10	Session 17: Electrical and Electronics Engineering Wednesday Room 1
	Robust Position Control of AC Servo Motor Using Sliding Mode Control (SMC) Optimized by Grey Wolf Optimization (GWO) Algorithm navid salahshor
	Optimized H-Infinity Controller for Torque Control of PMSM Using Grasshopper Optimization Algorithm (GOA) mehrman khalajafshar
	Analysis of Different Distribution Configuration for Optimal Photovoltaic Integration: A Case Study Klajdi Kamberi
	Designing PID Controller for Speed Control of Autonomous Vehicle by Utilizing Improved Grey Wolf Optimization Algorithm Arman Nagizadeh
	Analysis, Simulation And Manufacture Of Bandgap Reference Houman Farsadpour
	Enhancing Distribution Network Resilience by Integration Renewable Energy Sources and Energy Storage Sina Roudnil
	Ramin_EMG MohammadReza Sayyed Noorani
	Ashrafi_IMU MohammadReza Sayyed Noorani
	Forecasting Survival Rate From ICU Data Based On LightGBM Mahmood Seyyedzadeh

Dr. A. A. Ghavifekr

17.20-19.00	Session 18: Electrical and Electronics Engineering Wednesday Room 1
	Optimal Design of 1 MW Grid-Connected Solar Power Plant for increasing Solar Radiation by using PVsyst Software Amirreza Samadi Bonab
	EEG-Based Classification of Mental Stress Induced by Arithmetic Task Sepideh Zolfaghari
	A Third-Order Quadrature Sinusoidal Oscillator Using Operational Amplifiers Mohammad Rashtian
	Design and Characterization of a Discrete Curvature-Compensated Bandgap Voltage Mohammad Rashtian
	Transformer-BiGRU: Hybrid Deep Model for Wind Power Prediction Elman Ghazaei
	GenTradeCast: A Precise Forecasting Predictive Model in Peer-to-Peer Energy Trading Markets–A Dataset Case Study of Germany Ashkan Safari
	Application of Quantum Neural Networks for Robotic Motion Control Ashkan safari
	New organ design for humans: electrical generating neural network inspired by eel Arya Gholipour Hanizi
	Optimal Sizing of a Grid Connected Microgrid Using Firefly Algorithm Sina Asadian, Ali Firouzi Abriz, Arash Faramarzi
	Estimation of elbow joint angle based on single channel electromyography signal of selected arm muscle, using machine learning methods Ayla Ahmadi, Babak Rezaee Afshar

19.10- 21.30	Session 19: Mix Wednesday Room 1
	Radar study of mudflow formation mechanisms on the territory of Azerbaijan Said Safarov
	Investigating LULC Change Impacts on Surface UHI Using RS Data case study: Kerman city amin Raisi moghadam
	The role of innovative food packaging in food quality and safety Samin Adineh
	Numerical Study on the Solidification Process in Conical Shell and Tube Latent Heat Energy Storage Tanks Ardalan Shafiei Ghazani
	Integer programming Khadijeh Daneshfar
	A Comparative Study on the Performance of LQG/LTR and Optimized SMIT Controllers in Tracking Control of Flying-Wing UAVs Sevda Rezazadeh Movahhed
	Output Feedback Control Using Enhanced SMIT Controller Based on Sliding Mode Observer for Longitudinal Control of Rudderless Flying-Wing UAVs Sevda Rezazadeh Movahhed
	Engineering an efficient hemostatic fabric by modifying regenerated cellulose Nastaran Alipour
	Preparation of mineral distribution map using Hyperion images (Study area: Northwest of Kerman Province) Hossein Fekrat
	Synthesis and in situ oxidation of copper nanoparticles by glow discharge plasma on liquid Nazila Mahmoudian
	Investigating the physical properties of carbon nanotubes modified by plasma method Mohaddeseh Mousavi, Fatemeh Baharlounezhad, Mohammad Ali Mohammadi, Nazila Mahmoudian
	The plasma synthesis and treatment of tungsten oxide nanoparticles Fatemeh Baharlounezhad
	Ultrasonic Reactor Modeling and Investigation of Pressure Distribution Kamran Keynejad
	Modeling a Humidification in a Wetted Wall Tower Kamran Keynejad
	Adapting cities to climate change Mahmoud Asoude Khyal , Nasser Mashganbari, Ali Hamed, Hassan Mahmoodzadeh
	Water resource management and the effects of reducing rainfall in cities Ali Hamed, Mahmoud Asoude Khyal, Hassan Mahmoodzadeh, Reza Mahdinia
	The effects of urban management on green space: solutions and challenges (case study of Tabriz city) Rogayah Sharafi , Mahmoud Asoude Khyal, Ali Hamed, Hassan Mahmoodzadeh
	Narrative review of Enzymatic Oil Refining Afsaneh Ahansaz
	Facile synthesis of Mn-doped carbon aerogel composite cathode for electrochemical oxidation of Cefepim drug waste from contaminated water Tala Babaei, Mahmoud Zarei, Paria Rostamzadeh, Hannaneh Mortaghi Ghasemi
	Thermofluidic analysis of backward facing step Couette-Poiseuille flow with symmetric corrugations and upper moving wall Hamidreza Toloueinassab, Ramin Abdollahi, Ali Rahbar, Seyed Esmail Razavi

Dr. A. Hosseini Baghanam

09.00- 11.50	Session 20: Civil Engineering Wednesday Room 2
	Estimation of control points of the surface model obtained by unmanned aerial vehicle with artificial neural network Vahdettin Demir
	The Importance of Determining Value-Based Land Shares: Business Center Application Nuri Erdem
	Development of Porous Asphalt Pavement using Recycled Surface Dressed Pavement Material (RSM) Ibrahim Ibrahim
	Statistical evaluation of theoretical and nonparametric approaches to Standardized Precipitation Index Ahmad Abu Arra
	Suspended sediment dynamics in the semiarid Mediterranean environment: A case study of the Ksob basin, Algeria Fouad Sakhraoui
	Assessment of drought using a probabilistic standardized index Burak Kızılöz
	Environmental sustainability in line with urban infrastructure development with focus on sustainable development Mahdi Jalili Marand
	Effect of Groundwater Level Change on Retaining Wall Design Esra Uray
	Literature Review of Artificial Intelligence and Geostatistical Analyses in Geotechnical Engineering Esra Uray
	Improvement Effect of Artificial Puzolan Waste Material and Cement Additive on Crushed Stone Ground and Taguchi Method Esra Uray
	Assessing the vulnerability of lands against floods and damage reduction strategies using spatial analysis, case study: Shahin Dej city. Sana Foroughi
	An analysis on the distributional justice of medical centers in the 2nd district of Tabriz metropolis Ali Hamed
	Hydroclimatic Trend Analysis of Gorgan Coastal Region, Iran Vahid Azimi
	Hydrodynamic Analysis of Lake Urmia: Effects of Causeway and Water Levels on Flow Patterns Mehran Dadashzadeh, Alireza Mojtahedi, Javad Parsa
	Investigation of damping properties on the wavelet-based damage detection in steel beam under noise effect: A numerical study Farhad Jedari Zare Zadeh, Mehran Dadashzadeh
	Unraveling topological features of complex networks Leyla Naghipour, Khalil Valizadeh Kamran, Mohammad Taghi Aalami, Vahid Nourani
	Forecasting of Beyşehir Lake Levels with Artificial Neural Networks and Levenberg Training Algorithm Beyza Değişli, Vahdettin Demir

Dr. Feizizadeh

12.00-13.50	Session 21: Remote sensing of Disasters/GeoAI Wednesday room 2
	Evaluation of GPM and TRMM Precipitation Data versus Observational data in Lake Urmia Basin Fatemeh Hoseinpour
	Pollution Study of Hajilar Chai Basin in East Azerbaijan Province, Iran Ali Mohammad Khorshiddoust
	Investigating the texture of region 5 of Tabriz city with emphasis on earthquake vulnerability Shiva Sattarzadeh Salehi
	Analysis of Urban Planning policies in earthquake-affected areas and lessons from the cities of Kahramanmaraş and Hatay in Türkiye Shiva Sattarzadeh Salehi
	Engineering analysis of multidimensional vulnerability due to earthquake occurrence Peyman Yariyan
	Accuracy assessment of captured land-covered maps in urban fringes, (cases from Tabriz, Iran and Mersin, Türkiye) Shiva Sattarzadeh Salehi
	A review of GIS application in urban green landscapes Zanyar Samadi Todar
	Evaluating the performance of remote sensing to monitor the severity of drought through the comparison of three drought severity indicators (NDDI, NDWI and NDVI) in the Karkheh basin Hossein Fekrat
	Comparing the efficiency of Object-Based fuzzy operators in extraction of urban built-up area of Tabriz metropolis Mostafa Mousapour, Bakhtiar Feizizadeh
	Identification of Sunflowers (<i>Helianthus annuus</i> L.) from Multi-Temporal UAV Orthomosaics Using Deep Learning Models Esra Yildirim
	Assessment of Urban Green Space Using UAV-Based Green Leaf Index: A Case Study of Harran University Osmanbey Campus Seyma AKCA

14.00-16.20	Session 22: Mix Wednesday Room 2
	ENSURING INFORMATION SECURITY IN TEACHING STUDENTS Asrorov Oybek Asror o'g'li
	The effectiveness of hybrid automobiles and the reduction of urban pollution. Case study Ledia Bozo, Asllan Hajderi, Rrezart Bozo
	Mapping potential risk factors of cultural monument sites at the middle and upper part of River Vjosa in the accelerated climate change circumstances Laura Shumka
	Skin Imaging methodology to improve analysis of geometric deviation Elnaz Ghanbary, Mehran Mahboubkhah, Ahmad Barari
	A case survey of dietary intake for assessing diet diversity score among vulnerable groups of society Estela Pinderi, Joana Vogli, Marinela Leka
	The impact of the magnetic field on the reduction of pollution from vehicles, Case study Asllan Hajderi, Ledia Bozo
	Reconstruction of the historical building based on archaeological excavations and studies Khojiakbar Egamberdiyev, Noila Xidirova, Asilbek Shukurov, Jakhongir Davronov, Jonibek Xolmurodov
	METHODOLOGY FOR TEACHING COMPUTER SCIENCE USING INFORMATION AND COMMUNICATION TECHNOLOGIES Madina Makhkamova, Noila Xidirova, Sadokat Kamolova
	Modeling the stability indicator taking into account the bending deformation of the freight car body Anzhelika Shvets, Leontii Muradian, Angela Shvets
	Length-weight relationships of the Twait shad - <i>Alosa falax</i> (Lacepède, 1803) from the South western Adriatic coast of Albania Nertila Muçollari, Spase Shumka
	Energy production and income of 5 kW solar power plant in Boukan, Iran Khadijeh Mirza
	Study of the influence of different car types on the wear indicators of the "wheel-rail" couple Angela Shvets
	Energy Piles Design Parameters Optimization by using Fuzzy Logic Çetin Önder İncekara

	Aluminum Forging Technology, Applications and Analysis Sait Gül, Esat Erdinç Önel
	Modeling of Fluid Flow and Heat Transfer Inside Fin-and-Tube Heat Exchanger with Pentagonal Cross-Section of Tubes Reza Ghafari, Zahra Nasrollahi, Hedayat Azizpour, Kamran Keynejad

Dr. B. Khorrami

16.30-17.30	Session 23: Mechatronics Engineering Wednesday Room 2
	Designing a Flexible Interface Mechanism to Convert an Industrial Gripper into a System Suitable for Medical Applications Seyed Mohammadreza Akrami
	Simulation, trajectory design and motion control of robotic hand with sensing force control Seyed Mohammadreza Akrami
	IMU-based Movement Control of Robotic Manipulators – Aided by CoppeliaSim MohammadReza Sayyed Noorani
	Influence of new advanced split injection strategy on emissions and performance of a dual-fuel RCCI engine Seyed Ali Sadri Jahanshahi
	sEMG based Hand Gesture Recognition via Simple Feature Extraction and LSTM Model MohammadReza Sayyed Noorani
	Smooth Path Planning for Autonomous Mobile Robots: Integration of Improved A-Star with Artificial Potential Field Method Seyed Mohammadreza Akrami

Dr. Aghdasi Alamdari

17.40-19.00	Session 24: Computer Engineering Wednesday Room 2
	SEPARATION OF ACTIVE ZONES OF ELECTROMYOGRAPHIC SIGNALS Kudratjon Zohirov
	Hybrid emotion detection_conference Mahmud Nadernejad
	Offensive Context detection in social network using graph neural net Minou Kouh Soltani
	Enhancing VM Migration in Clouds with Heuristic-based Granular Computing Farnaz Mahan
	Honeypot-Based Detection of Advanced Persistent Threats: A New Methodology Maryam Mohammadzad
	Face Mask Detection System by Transformer Learning Model Salar Mokhtari Laleh
	Strategic Monitoring and Proactive Measures for Mitigating Network-Level Threats and Malware in Albania Klorenta Pashaj, Eralda Gjika, Vilma Tomco
	Person Identification in Healthcare Applications Using Binary Chimp Optimization-based EEG Channel Selection Shabnam Oskouei, Saeed Meshgini, Hadi S. Aghdasi

19.10-20.10	Session 25: Cultural Heritage Wednesday Room 2
	Investigation of Stone Deterioration in Gaziantep Yüzükçü Inn İlhami Ay, Murat Dal, Şefika Ergin
	Investigation of Stone Deterioration in Gaziantep Lala Mustafa Pasha Inn İlhami Ay, Murat Dal, Şefika Ergin
	Investigation of Stone Deterioration in Gaziantep Tabakhane Bridge İlhami Ay, Şefika Ergin, Murat Dal
	Investigation of Stone Deterioration in Gaziantep Bahıklı Masjid İlhami Ay, Şefika Ergin, Murat Dal
	Investigation of Stone Deterioration in Gaziantep Köseç Ahmet Ağa Fountain İlhami Ay, Şefika Ergin, Murat Dal
	Focus on solar energy in architecture and design Emine Banu Burkut, Murat Dal, Seçkin Tekin

20.20-21.10	Session 26: Energy Engineering Wednesday Room 2
	The potential of nature-based solution on the effect of UHI Akbar Rahimi
	Data-driven Energy Management of H-MGs using Fuzzy Reinforcement Learning azam salari
	Thermodynamic assessment of a biomass and natural gas co-fueled combined cycle with a SCO ₂ Brayton cycle for heat recovery Shayan Sharafi Laleh
	Wind Energy Potential of Turkey Seçkin Tekin
	Focus on solar energy in architecture and design Emine Banu Burkut

Dr. B. Khorrami

21.20- 22.20	Session 27: Geology Science and Engineering Wednesday Room 2
	impact of industrial use on nitrogen dioxide air pollutant distribution (case example: Tabriz, Iran) Paria Ali Mohammadi
	Statistical Analysis and Machine Learning Applications of radiolarite-hosted manganese mineralization in Taşdemir (Kahramanmaraş, Türkiye) CİHAN YALÇIN
	Utilizing International Experiences in the Revitalization of Lake Urmia saye habibzadeh
	Identification and classification of karst landforms based on Cvijic, Waltham, Fookes, Komatina and Herak models (Case study: Travertine springs of Badab Soort) Bahareh Akbari
	Investigation of land use change effects on water quality of Tabriz plain Zahra Sedghi, Ata Allah Nadiri
	Monitoring the impacts of investment in the tourism sector on land use changes in the Hir City using the Change Detection Technique Mohsen Aghayari Hir, Sahar Ahmadzadeh Naghadeh, Milad Manzelati
	Integrated Assessment of Forest Fire Vulnerability: A Multi-dimensional Approach Elnaz Nejatyanpour, Omid Ghorbanzadeh, Josef Strobl, Khalil Gholamnia, Rasoul Yousefpour, Mahmoud Daneshvar Kakhki, Hamid Amirnejad, Mahmoud Sabouhi Sabouni
	Ground deformation monitoring in Hatay Airport using GACOS-corrected StaMPS PSI Mahmut Gorken, Umut Gunes Sefercik, Mertcan Nazar
	Türkiye cracked the code in topographic earth representation Arif Oguz Altunel, Samet Doğan