

# SCIENTIFIC PROGRAMME FOR ICCESEN-2022

29 October 2022-Saturday

## ROOM-3

10.00-11.00	Opening : <b>Prof. Dr. Iskender AKKURT</b> (Chair of ICCESEN-2022)—Suleyman Demirel University, Isparta / TURKEY
	Session Chair : <b>Dr. Feride KULALI</b> -- Uskudar University, Istanbul / TURKEY
	Invited Speaker 1: <b>Dr. Jana LIPKOVSKI</b> —University of Belgrade, SERBIA “Sustainable development of dense urban areas in correlation with planning requirements of educational facilities and belonging open spaces – an issue of social welfare ” Invited Speaker 2: <b>Dr. Hayat ARBOUZ</b> – University of Blida1-ALGERIA “Optimization of Lead-Free CsSnI3-based Perovskite Solar Cell structure”
11.00-11.30	Group Photo- BREAK

<b>ROOM-3</b>			
Session Chair : <b>Dr. Feride KULALI</b> -- Uskudar University, Istanbul / TURKEY			
11.30-12.30	191	<b>Nazmi Hasi</b> , Latif Hasi, Naim Syla and Arber Zeqiraj-- <i>University of Prishtina, Kosova</i>	SEISMIC HAZARD ANALYSIS FOR KOSOVO WITH NDSHA METODOLOGY
<b>LUNCH---BREAK</b>			
14.00-16.00	157	<b>Ahmed Gueddin</b> , Ziani Hamza, Elbahi Zouina and Nadir Bouarissa-- <i>University of Djelfa, Algeria</i>	First principles study of the electronic and optical properties of InN monolayer
	158	Zouina Elbahi, <b>Ahmed Gueddin</b> , Bachir Bentria and Nadir Bouarissa-- <i>University of Djelfa, Algeria</i>	Pseudopotential investigation of electronic and optical properties of ScN quantum dots
	205	<b>Babaa Eldin Amin</b> and Abdel-Rahman Fowler-- <i>UAEU University, UAE</i>	Geochemical studies of the mineralized zone in defta area, wadi Ham, UAE
	221	<b>Abdel-Rahman Fowler</b> , Ashraf Baghdady, Ahmed Gad and Karim Abdelmalik-- <i>UAEU University, UAE</i>	Lithofacies and provenance evolution of a late Neoproterozoic stream-dominated alluvial fan sequence: the Kareim Basin of central Egypt
	222	<b>Osman Abdelghany</b> , Mahmoud Abu Saima, Abdel-Rahman Fowler and Hasan Arman-- <i>UAEU University, UAE</i>	Re-Investigation of the lower paleogene Rus formation Paleoenvironment, South east UAE: New lithofacies and Biofacies Data
<b>BREAK</b>			
16.15-18.00	169	<b>Abdelilah Jraifi</b> -- <i>ENSA Safi, Cadi Ayyad University, Morocco</i>	The Constant Elasticity of Variance Jump diffusion model for the options contracts
	244	<b>Nisan Kuyumcu</b> , Cihat Arda, Neslihan Özsoy, Murat Özsoy and Akın Akıncı— <i>Sakarya University, Türkiye</i>	Increasing the Contact Angle with Nano SiO2 Addition to GFRP Pipes
	245	<b>Sevval Yılmaz</b> , Nisan Kuyumcu, Neslihan Özsoy, Murat Özsoy and Akın Akıncı— <i>Sakarya University, Türkiye</i>	Improvement of Mechanical Properties with Nano SiO2 Addition to GFRP Pipes
	246	<b>Sevval Yılmaz</b> , Cihat Arda, Neslihan Özsoy, Murat Özsoy and Akın Akıncı— <i>Sakarya University, Türkiye</i>	Electrical Properties of Carbon Nanotube Reinforced GFRP Pipes

247	<b>Nisan Kuyumcu</b> , Sevval Yılmaz, Neslihan Özsoy, Murat Özsoy and Akın Akıncı— <i>Sakarya University, Türkiye</i>	Investigation of Mechanical Behavior of Carbon Nanotube Reinforced GFRP
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<b>ROOM-2</b>			
<b>Session Chair : Dr. Hayat ARBOUZ</b> – University of Blida1-ALGERIA			
<b>11.30-12.30</b>	40	<b>Burim Kamishi</b> -- <i>University of Prishtina, Kosova</i>	Theory of State of Polarization of Transmitted Light in a System Composed by Two Uniaxial Crystalline Plates
	109	<b>Mehmet Ali Kaygusuz</b> and Vilda Purutcuoglu— <i>METU, Türkiye</i>	Conditional Randomization Test for Causal Additive Models in Biological Networks
	111	<b>Mehmet Ali Kaygusuz</b> and Vilda Purutcuoglu— <i>METU, Türkiye</i>	Robust Artificial Neural Networks for Anomaly Detection with Biological Data
	228	<b>Neslihan İyit</b> and Ferhat Sevim— <i>Selçuk University, Türkiye</i>	Statistical Modelling of 174 Countries' Air Pollution and COVID-19 Pandemic Mortality Data by Poisson, Geometric and Negative Binomial Regression Models with Fixed and Random Effects as Special Cases of Generalized Linear Mixed Models
	229	<b>Neslihan İyit</b> , Ferhat Sevim and Ümran Münire Kahraman— <i>Selçuk University, Türkiye</i>	Investigating the Relationships between CO2 Emissions and Percentages of Deaths in Total Cases Attributed to COVID-19 Pandemic Data by Generalized Linear Model and Generalized Linear Mixed Model Approaches with Inverse Gaussian and Gamma Distributions
	220	<b>Ulku Bayhan Mehmet Akif Ersoy Univ., Türkiye</b>	Ab-initio Study of Fundamental Properties of XInO3 (X = K, Rb, Cs) Perovskites
<b>12.30-14.00 LUNCH--BREAK</b>			
<b>14.00-16.00</b>	50	<b>Fatma Göde</b> and Neslihan Balpınar— <i>Mehmet Akif Ersoy University, Türkiye</i>	Dye-sensitized solar cells fabricated using ZnO:Cu nanoparticles and dye extracted from Hypericum perforatum L. flowers
	51	<b>Fatma Göde</b> , Emine Güneri, Ayşe Dere and Kevser Şahin Tıraş— <i>Mehmet Akif Ersoy University, Türkiye</i>	The investigation of structural, optical, photoluminescence and electrical properties of Mn-doped ZnO thin films for optoelectronic device applications
	55	Gazmend Kabashi, Yllka Kabashi and <b>Skender Kabashi</b> -- <i>University of Prishtina, Kosova</i>	Assessment of climate change mitigation potential of the Kosovo energy and transport sector
	123	<b>Samet Abbak</b> and Metin Özgül— <i>Afyonkarahisar University, Türkiye</i>	Depolarization in boron doped binary and ternary morphotropic lead free piezoelectric ceramics
	200	<b>İsmail Serkan Üncü</b> and Mehmet Kayakuş-- <i>Isparta Applied Science University, Türkiye</i>	Determination of the Effect of Lighting Equipment Used in Classroom Lighting on Luminance Uniformity
	206	<b>Mehmet Kayakuş</b> and İsmail Serkan Üncü-- <i>Isparta Applied Science University, Türkiye</i>	The Effect of Vehicle Headlights on The Visibility of Traffic Signs and Critical Objects
	251	<b>Serap Özhan Doğan</b> and Burak Galip Anık— <i>Beykent University, İstanbul-Türkiye</i>	Head papet design and optimization to apply on norway type trawler fishing ships
<b>16.00-16.15 BREAK</b>			
<b>16.15-18.00</b>	25	<b>Naim Syla</b> , Bashkim Dalipi, Fisnik Aliaj, Zeqë Tolaj and Arbër Zeqiraj-- <i>University of Prishtina, Kosova</i>	Modeling of thermal stresses of metals by FE-method
	248	<b>Mouhoub Birane</b> -- <i>Université Amar Telidji de Laghouat, Algeria</i>	Performance Evaluation of MPPT Converter in The Differences Topology of DC-DC Converter Under Effect Shading for Renewable Energy Systems
	56	Kadir Gunoglu, <b>Hatice Varol</b> , İskender Akkurt— <i>Suleyman Demirel University, Türkiye</i>	Radiation attenuation coefficients of stainless steels containing different proportions of boron carbide
	252	<b>Yusuf Ziya Koç</b> -- <i>Ceva Logistics Ltd. Şti. İstanbul/ Turkey</i>	The design of automatic storage and retrieval system (as/rs) in the automated manufacturing systems

<b>ROOM-1</b>			
<b>Session Chair : Dr. Hakan Akyıldırım-</b> Suleyman Demirel University, Isparta / TURKEY			
<b>11.30-12.30</b>	36	<b>Celal Onur Gökçe</b> , Volkan Durusu and Rıdvan Ünal— <i>Afyonkocatepe University, Türkiye</i>	Disturbance Rejection Performance Comparison of PSO and ZN Methods for Various Disturbance Frequencies
	37	<b>Elif Ebru Çakı</b> and Celal Onur Gökçe— <i>Afyonkocatepe University, Türkiye</i>	A Novel Shape Descriptor for Object Recognition
	66	<b>Assoc. Prof. Dsc. Nabi İbadov</b> -- <i>Warsaw University of Technology, Poland</i>	Ensuring technological and organizational reliability in the implementation of construction projects in ecological construction
	125	<b>Zuhal Er</b> and Zeki Alihan Bayrı— <i>Istanbul Technical University, Türkiye</i>	A Study on the Investigation of Magnetic Induction Battery Charging Systems
	112	<b>Batuhan TÜRKÖZÜ</b> , Cihan BÜYÜK , Ümit KIRENCİ , Miraç ÖZTÜRK , Mustafa Sefa GÜZEL-- <i>TÜMOSAN Teknoloji Mühendislik Sanayi ve Ticaret A.Ş. Türkiye</i>	Design, Calculation and Turbocharger Air's Analysis of Fin Tube Heat Exchanger in Marine Diesel Engine
	76	Cezary Kraśkiewicz, Artur Zbiciak, Przemysław Mossakowski, <b>Kacper Wasilewski</b> and Andrzej Długolecki— <i>Warsaw University of Technology, Poland</i>	Full Scale Impulse Tests on a Track Structure Equipped with Static and Dynamic Rail Dampers
	77	<b>Artur Zbiciak</b> , Cezary Kraśkiewicz, Przemysław Mossakowski, Kacper Wasilewski and Andrzej Długolecki— <i>Warsaw University of Technology, Poland</i>	Full Scale Impulse Tests on a Ballasted Track Structure Equipped with Under Sleeper Pads and Under Ballast Mats
	253	<b>Serap Özhan Doğan</b> , Burak Galip Anik and Umut Goktas-- <i>Beykent University, Istanbul-Türkiye</i>	Design and analysis of the board ladder used on ships by finite element method
<b>12.30-14.00 LUNCH---BREAK</b>			
<b>14.00-16.00</b>	102	<b>Hayat Semlali</b> , Asmaa Maali, Sara Laafar, Omar Serghini, Najib Boumaaz, Abdallah Soulmani and Abdellilah Ghammaz-- <i>Cadi Ayyad University, Morocco</i>	Survey on Spectrum Sensing for Internet of Things Networks
	103	<b>Dr. Sara Laafar</b> , Asmaa Maali, Hayat Semlali, Jaouad Khalfi, Prof.Dr. Najib Boumaaz and Prof.Dr. Abdallah Soulmani-- <i>Cadi Ayyad University, Morocco</i>	Super-Junction MOSFET model with temperature dependent Foster RC network for Pspice simulation
	104	<b>Dr. Asmaa Maali</b> , Sara Laafar, Hayat Semlali, Jaouad Khalfi, Omar Serghini, Najib Boumaaz and Abdallah Soulmani-- <i>Cadi Ayyad University, Morocco</i>	Detection of GSM900 active channels in cognitive radio using energy detector
	118	<b>Hasan Serkan Aytakin</b> , Emre Kağan Aytakin and Mario De Martino-- <i>Prometeon Turkey Endüstriyel ve Ticari Lastikler A.Ş. Türkiye</i>	Particle Detection in Microscopy Imagery with Improved Hessian Feature Detectors
	120	<b>Abdelmaoula Mahamoud Tahir</b> and Sedat Sert— <i>Sakarya University, Türkiye</i>	Effect of Olivine Additive on the Shear Strengths of Fine-Grained Soils
	121	Eylem Arslan, Fatih KÜÇÜK, Sedat Sert, Ertan Bol, Aşkın Özocak and <b>Abdelmaoula Mahamoud Tahir</b> — <i>Sakarya University, Türkiye</i>	Physical-Mechanical Characterization of Clays Reinforced with High Performance Polypropylene Fibers
	122	Eylem Arslan, Ercüment Kekeç, Sedat Sert, Aşkın Özocak, Ertan Bol and <b>Abdelmaoula Mahamoud Tahir</b> — <i>Sakarya University, Türkiye</i>	Strength and Deformation Characteristics of Glass Fiber Reinforced Clays
	67	<b>Halit Oztekin</b> — <i>Sakarya University, Türkiye</i>	CAM-based Automated Scoring System for Digital Logic Circuit Diagrams
	68	<b>Hasan Sahin</b> and Halit Oztekin— <i>Bursa Technical University, Türkiye</i>	Hot Topics in Postgraduate Theses on Artificial Intelligence in TURKIYE(1984-2021)
	202	<b>Alper Ozseven</b> , Iskender Akkurt-- <i>Suleyman Demirel University, Türkiye</i>	Evaluation of heavy metal distributions in surface waters and sediments of Eğirdir Lake
<b>16.00-16.15 BREAK</b>			

16.15-18.00	133	<b>Sabiha Anas Boussaa</b> — <i>CRTSE,Algeria</i>	Silicon Recovery from Monocrystalline Silicon Waste Solar Cells by Alkaline Chemical Etching
	138	<b>Dr. Samah Riache</b> and Prof. Madjid Kidouche-- <i>Boumerdes University, Algeria</i>	Control of Unmanned Aerial Manipulator based on Adaptive approach
	146	<b>Aşkın Özocak</b> , Sedat Sert, Kemal Önder Çetin, Ertan Bol, Eylem Arslan, Kadir Kocaman, Mustafa Özsağır and İrem Bağca— <i>Sakarya University, Türkiye</i>	The Effect of Clay Fraction on the Cyclic Response of the Fine-Grained Soils
	148	Ertan Bol, Aşkın Özocak, <b>Sedat Sert</b> , Kemal Önder Çetin, Kadir Kocaman, Mustafa Özsağır, Eylem Arslan and Tuncay İmamoğlu— <i>Sakarya University, Türkiye</i>	Frequency Effect on Liquefaction Resistance in Silty Soils
	233	Halil İbrahim Aydın, <b>Aşkın Özocak</b> , Sedat Sert, Ertan Bol, Mustafa Özsağır, Kadir Kocaman and Eylem Arslan— <i>Sakarya University, Türkiye</i>	Finite Element Analysis of Concrete Face Sakarya Akçay Dam and Comparison of Results with Site Measurements
	63	<b>Nurdan Karpuz</b> -- <i>Amasya University, Türkiye</i>	Calculations of Gamma Induced Reaction on Some Structural Materials with Gamma Strength Functions and Level Density Models

## 30 October 2022-Sunday

### ROOM-3

	<b>Session Chair : Dr. Feride KULALI</b> -- Uskudar University, Istanbul / TURKEY	
10.00-11.00	<b>Invited Speaker 3:</b> Prof. Dr. Madjid FATHI-- Dept. of EECS University of Siegen, GERMANY “An AI approaches: Integrated CPS to process Recommender Systems in Engineering ”	
	<b>Invited Speaker 4:</b> Prof.Dr. Gerhard-Wilhelm WEBER--Poznan University of Technology-POLAND “New Contributions to Aggregate Production Planning with Outsourcing under Uncertain Seasonal Demand - Supported by Human Factors.”	
	<b>Invited Speaker 5:</b> Prof. Dr Amir HUSSEIN--Edinburgh Napier University, Scotland, UK --“AIT Technology for future”	
11.00-11.30	<b>BREAK</b>	

### ROOM-1

	<b>Session Chair : Dr. Feride KULALI</b> -- Uskudar University, Istanbul / TURKEY		
	172	<b>Mustafa Günal</b> , M.Sobhi Alasta, Ayşe Yeter Günal and Adnan Ismael— <i>Gaziantep University, Türkiye</i>	Numerical Model Simulation Of Scour Around Bridge Abutment with and without Rectangular Slots
	174	<b>M.Sobhi Alasta</b> , Mustafa Günal, Abubaker Sami Dheyab, Ahmed Shakir Ali, Ayşe Yeter Günal, Adnan Ismael and Naser Abdulrazzaq Ahmed-- <i>Gaziantep University, Türkiye</i>	Numerical Investigation of Studding Effect of Slots Location on Reduction Scour Depth Around Single Circular Pier by Using Flow-3D
	175	<b>Mustafa Günal</b> , M.Sobhi Alasta, Tarik Elhumeydi, Adnan Almasri, Ayşe Yeter Günal, Adnan Ismael and Naser Abdulrazzaq Ahmed-- <i>Gaziantep University, Türkiye</i>	Numerical analysis of local scour downstream of a spillway

11.30-12.30	176	<b>Ayşe Günal</b> and Abdulmunem Telfah-- <i>Gaziantep University, Türkiye</i>	Assessment of groundwater quality in the gaza strip by using gis
	180	<b>Ayşe Yeter Günal</b> and Abdulmalik Hamaviya-- <i>Gaziantep University, Türkiye</i>	Climate change impacts on water resources and trends of sector wise water consumption in saudi arabia
	181	Ayşe Yeter Günal and Rama Gazal-- <i>Gaziantep University, Türkiye</i>	Supply And Sewage System In Camps In Northwest Syria (Maaret Elekhwan Camp- Case Study)
	189	<b>Ulviye Bunyatova</b> — <i>Baskent University, Türkiye</i>	Novel concept based on AgNPs analyte within a custom-made biosensor device
	190	<b>Mehmet Yavuz</b> , Fırat Evirgen, Fatma Özlem Coşar and Necati Özdemir-- <i>Necmettin Erbakan University, Türkiye</i>	A New Vaccinated Fractional-Order COVID-19 Model and Sensitivity Analysis with Real Data from Türkiye
	195	Fırat Evirgen, Esmehan Ucar and <b>Necati Özdemir</b> — <i>Balıkesir University, Türkiye</i>	Impact of Fractal Fractional Derivative on a Plant Disease Model with Vector Borne
	60	<b>Nurdan Karpuz</b> — <i>Amasya University, Türkiye</i>	Gamma Strength Functions and Level Density Models Analysis and Calculations for Some Medical Radioisotopes
<b>12.30-14.00</b>	<b>LUNCH--BREAK</b>		
14.00-16.00	208	<b>Yasemin Gündoğdu</b> , Amina Houimi, Serap Yiğit Gezgin and Hamdi Şükür Kılıç— <i>Selçuk University, Türkiye</i>	Effects of Nonlinear Optical Absorption Properties on Na and Li doped Cu <sub>2</sub> SnS <sub>3</sub> (CTS) Thin Films
	209	<b>Serap Yiğit Gezgin</b> , Yasemin Gündoğdu and Hamdi Şükür Kılıç-- <i>Selçuk University, Türkiye</i>	Numerical study for the quaternary semiconductor based heterojunction solar cell modelled with the SCAPS-1D program
	211	<b>Hamdi Şükür Kılıç</b> , Yasemin Gündoğdu and Serap Yiğit Gezgin-- <i>Selçuk University, Türkiye</i>	Introduction of Capability of An Hommade Pulsed Laser Deposition System and Some Cleaver Applications
	141	<b>Fahima Fares</b> , Nadir Bouarissa, Nour El Houda Fares and Fadila Mezrag-- <i>University of Msila, Algeria</i>	Optical characteristics of Al <sub>x</sub> Ga <sub>1-x</sub> NyAs <sub>1-y</sub> quaternaries lattice matched to GaAs
	240	<b>Sansabilla Bouchareb</b> , Sabah Fetah and Rachid Tigrine-- <i>University of Adrar, Algeria</i>	Vibrational wave scattering in disordered ultra thin film with integrated nanostructures
	242	<b>Fatih Karabulut</b> and Yusuf Ceylan— <i>Selçuk Univ. Türkiye</i>	Electron Spin Resonance (ESR) Study of Tooth Enamel Sample
	254	<b>Osman Günay</b> , Hakan Akyıldırım, Kadir Gunoglu, İskender Akkurt— <i>Yıldız Technical University, Türkiye</i>	Investigation of interaction of some iron minerals with gamma rays using XCOM database
<b>16.00-16.15</b>	<b>BREAK</b>		
	184	<b>Taner Kavas</b> , Huseyin Ozkan Toplan, Iskender Akkurt, Kadir Gunoglu, Recep Kurtulus and Melda Iplikcioglu— <i>Afyonkocatepe Univ. Türkiye</i>	Some theoretical radiation shielding calculations via Phy-X/PSD for investigating the effect of doping Gd <sub>2</sub> O <sub>3</sub> into a barium-calcium-boro-silicate glass system
	164	Mr. Milad Sharafi, Assoc. Prof. Dr. <b>Saeed Samadianfard</b> and Assoc. Prof. Dr. Abolfazl Majnooni-Heris-- <i>University of Tabriz Iran</i>	Coupling a firefly algorithm with a support vector regression to predict daily evaporation in coastal areas of Iran
	165	<b>Abolfazl Majnooni-Heris</b> , Ahmad Fakheri-Fard, Ms. Maryam Vaez-Madani and Saeed Samadianfard-- <i>University of Tabriz Iran</i>	Effects of Wet and Drought Periods on Rainfed Wheat Yield in a Semi-Arid Region
	16	<b>Osman Gunay</b> , Kadir Gunoglu, İskender Akkurt— <i>Yıldız Technical University, Türkiye</i>	Determination of radium-226 activity concentration in sand samples from Doğançalı beach

<b>ROOM-2</b>			
<b>Session Chair : Dr. Ahmet Beycioglu</b> —Alparslan Tureş Technical University, Adana / TURKEY			
<b>11.30-12.30</b>	2	<b>Mazhar Al Zoubi</b> -- <i>Yarmouk University, Jordan</i>	Genetic Bases of VitaminB12 Deficiency: Impact of MTHFR, TCN-II and GIF Polymorphisms on Vitamin B12 Level
	57	Besim Xhafa and <b>Yilka Kabashi</b> -- <i>University of Prishtina, Kosova</i>	Advantages of hybrid treatment planning technique over other techniques for breast cancer in radiotherapy
	186	<b>Şemsettin Kılınçarslan</b> and Yasemin Şimşek Türker— <i>Suleyman Demirel University, Turkiye</i>	Investigation of Flexural Properties of Solid and Composite Wood Materials
	217	<b>Yasemin Şimşek Türker</b> and Şemsettin Kılınçarslan-- <i>Suleyman Demirel University, Turkiye</i>	Investigation of Flexural Properties of Glulam Beams
<b>12.30-14.00</b>	<b>LUNCH--BREAK</b>		
<b>14.00-16.00</b>	226	<b>Osman Gunay</b> — <i>Yıldız Technical University, Turkiye</i>	Determination of Ra-226 concentration at Suadiye beach in Istanbul
	53	<b>Emine Güneri</b> and Ali Han Kılıç <i>Erciyes University, Turkiye</i>	The Effect of Laboratory Method Based on Life Skills and Engineering and Design Skills on Academic Achievement in Science Education
	54	<b>Emine Güneri</b> , Merve Nur Köroğlu and Mustafa Metin <i>Erciyes University, Turkiye</i>	Views of Science Teachers on the Education of Inclusive Students in the Distance Education Process: A Phenomenological Research
	239	<b>Ahmet Selim Kahraman</b> , Murat Toprak, Korkmaz Ergun, Ahmet Can Ramazanoğlu, İbrahim Öztürk and Mehmet Göktürk-- <i>Borsa İstanbul A.Ş. Turkiye</i>	Piyasa Gözetim Uygulamasında Performans Artırımı
	249	<b>Serhat Tıkız</b> and Metin Özgül— <i>Afyonkocatepe Univ. Turkiye</i>	Hidrotermal yöntem ile üretilen bor katkılı bnt-bt kurşunsuz piezoelektrik seramiklerin üretimi ve karakterizasyonu
<b>16.00-16.15</b>	<b>BREAK--ONLINE</b>		
<b>16.15-18.00 --ONLINE</b>	75	<b>Lekun Zhao</b> , Tongjing Liu, Juan Ni, Fuqiang Han and Yuedong Yao-- <i>China University of Petroleum, China</i>	Study on Optimization of CO2 Water-Gas Alternate Miscible Flooding in Ultra-low Permeability Reservoirs
	14	<b>Fatma Boufera</b> -- <i>University of Mascara, Algeria</i>	Fuzzy system optimization by simulated annealing method for mobile robot navigation
	116	<b>Jiexian Xiao</b> , Zhengxu Wang and Deli Gao-- <i>China University of Petroleum, Beijing, China</i>	Research on temperature distribution of heavy oil reservoir in situ heated by electromagnetic radiation
	79	<b>Chengwei Zhang</b> , Shiqing Cheng, Wei Zhang, Lang Zhu, Tingting Jiang, Longquan Hu and Dengke Shi-- <i>China University of Petroleum(Beijing), China</i>	A p3D Discrete Fracture-Matrix Simulation for Production Data Analysis in Vertically Fractured Well in Tight Gas Reservoirs
	7	<b>Abdelmadjid Recioui</b> -- <i>University of Boumerdes, Algeria</i>	Simulation and optimization of a Microgrid Energy Management System
	8	<b>Fatma Zohra Dekhandji</b> -- <i>University of Boumerdes, Algeria</i>	An investigation into Power quality improvement in smart grids with electric vehicles
	243	<b>Özgül Karataş</b> — <i>Konya Teknik Univ. Turkiye</i>	Use of ESR Spectroscopy on Identification of the Radiation-Induced Radicals in Gamma Irradiated Bone
	250	<b>Murat Yengeç</b> — <i>Suleyman Demirel University, Turkiye</i>	Exergy Analysis of a Waste Heat Sourced Electric Power Cycle and a Sample Application

# POSTERS

29 October 2022-Saturday

Session Chair : <b>Dr. Nurdan KARPUZ</b> – Amasya University -TURKIYE			
10.00-12.30	3	Dr. Xuejiao Li, Prof. Haifeng Zhao, Mr. Yuanguai Xiong, Mrs. Zhongrong Liu, Mr. Haijie Liang and Mr. Changzeng Yang	Numerical Simulation of Cyclic Steam Stimulation with Horizontal Well in Heavy Oil Reservoirs
	9	Ahlame Mraouefel, Lakhdar Guerbous and Madjid Diaf	Influence of pH on the structural and photoluminescence properties of YPO <sub>5</sub> V0.5 O4: 1 at. % Tb <sup>3+</sup> nanoparticles
	11	Song Wang, Lixiao Xiao, Huiyong Yu, Jiayan Li and Jun Hu	Optimization of S-wave Prediction Method in Mahu Area and Its Influence on Calculation of Rock Mechanical Parameters
	15	Ning Cheng, Lixiao Xiao, Song Wang, Wei Tang and Lin Tang	Study on Dynamic Variation Law of Stress Field in a Well Area of Mahu and Application of Proppant Selection
	19	Sabrina Naama, Afaf Brik, Adel Khen, Amira Benkara, Latefa Baba Ahmed, Amar Manseri, Madjid Ifires and Toufik Hadjersi	Removal of Methylene Blue by Reduced Graphene Oxide Under UV Light: Photocatalytic Properties and Kinetic Studies
	20	Afaf Brik, Naama Sabrina, Benfadel Karima, Faiza Tiour, Seif Eddine Friha and Brahim Mahmoudi	ELABORATION AND CHARACTERIZATION OF CERIUM ELECTRODEPOSITED ON SILICON NITRIDE
	28	Taha Rababah	Enhanced Physicochemical, Nutraceutical, and Functional Properties of Lupin Protein by pH-Shifting and Ultrasonication Combined Process
	39	Soumaya Meddah, Mounira Bourebia, Sihem Achouri, Amel Oulabbas, Wafa Boumacheta, Ahlem Taleb, Latifa Kahloul and Samia Lemboub	Study of the adhesion of a paint coating by scratch test - Effect of Shot Peening parameters.
	42	Bekhedda Kheira, Tiour Faiza, Mefoued Amine, Boudeffar Fatima, Menari Hamid and Mahmoudi Brahim	The Structural Characteristics Study of Evaporation-Deposited Cerium-Doped Silicon-Rich Nitride
	241	Sabah Fetah	Theoretical investigation of the optical properties of the Hg <sub>2</sub> CuTi-type full-heusler compound Ti <sub>2</sub> NiZ (Z=Al,Ga)
	45	Bashkim Dalipi, Naim Sylva, Fisnik Aliaj and Donat Dalipi	The distribution of shoulder enhancement and associated features among NEIALs spectra observed with the EISCAT Svalbard 42m radar
	64	Latifa Kahloul, Soumaya Meddah, Romayssa Derghoum, Hadda Rezzag and Zineb Sadaoui	Effect of thin layer of titanium on biocompatibility and tribological behavior of CoCrMo alloy for biomedical applications
	65	Latifa Kahloul, Soumaya Meddah, Romayssa Derghoum, Hadda Rezzag and Zineb Sadaoui	Effect of the addition of copper and aging on the evolution of the structure and the tribological performance of the AISi alloy
	74	Karima Boudhar and Mahdi Debieche	A Computational Study of C,p-methoxyphenyl-N-phenyl nitrene
	81	Embarka Boutalbi, Leila Ait Gougam-Tribeche, Omar Bouzit and Fawzia Mekideche-Chafa	Nonlinear Schrödinger equation (NLSE) in a quark gluon plasma
	82	Kenza Zaibak, Nora Nait Bouda and Fawzia Mekideche-Chafa	Wavelet Transform Application in Image Processing
	238	Mahmoud Abu Saima, Osman Abdelghany, Sobhi A. Helal, Peiman Rajabi and Hasan Arman	Stratigraphic Correlation and Paleo-Environmental Trends within the Paleogene Rocks of United Arab Emirates, Northwest Turkey, and Iran
	192	Nazmi Hasi, Latif Hasi and Naim Sylva	Determination of the velocity of propagation of seismic waves for the Kosovo's territory
	185	Amani Bani Khaled and <b>Luay Zeatoun</b> -- <i>Jordan University of Science and Technology, Jordan</i>	Kinetics of photocatalytic degradation of cod in aqueous dispersions of nanoparticles under uv irradiation
	48	<b>Arbër Zeqiraj</b> , Tahir Arbnesi, Bashkim Dalipi, Altin Gjevori, Naim Sylva, Granita Zenuni and Fisnik Aliaj-- <i>University of Mitrovica-Kosova</i>	Thermophysical properties of 1-propanol + chlorobenzene, 1-propanol + benzene, and chlorobenzene + benzene mixtures

12.30-14.00		BREAK	
201	S Bacha, A Bechiri and F Benmakhlouf	Theoretical investigation of electronic properties and bowing parameters of GaAs <sub>x</sub> P <sub>1-x</sub> ternary alloys	
225	Riad Harouz, Djamel Zelmati and Oualid Ghelloudj	Compared of Tribological and Wear Behaviours of the WC/TiC-Co in Contact with Al <sub>2</sub> O <sub>3</sub> Alumina for Two Sliding Speeds	
132	Dr Sabrina Naama, Afaf Brik, Fatsah Moulai, Soumia Benredouane, Ouiza Sebaoui, Amal Elfiad, Adel Khen, Yassine Berbar, Lamia Talbi, Faouzi Kezzoula, Amar Manseri, Madjid Ifires and Toufik Hadjersi	Synthesis, Characterisation and Application of MnO <sub>2</sub> /rGO Using as Adsorbent for Efficient Removal of Pb(II) from Aqueous Solution	
142	Salima Saib and Nadir Bouarissa	High-pressure phase transition, electronic structure, mechanical and dynamical properties of dipotassium sulfide K <sub>2</sub> S compound	
149	N Bouarissa, S Saib, F Mezrag, M Boucenna and N. El-Houda Fares	Polaron characteristics and plasma frequency of indium arsenide under hydrostatic pressure	
154	Sabiha Anas Boussaa	Cobalt Sulfide Thin Film Characterization for Photoelectrochemical CO <sub>2</sub> Conversion	
162	Majdi Almahasneh, Nadia Al-Hrbawi and Rami Jumah	Effect Of Continuous And Intermittent Drying Characteristics Of Moringa Oleifera Leaves On Some Physiochemical Propperties	
187	Moufida Benzekka and Besma Belaifa	Effect of trapped ions on double-layers dust acoustic structures in polarized dusty plasma	
193	Mr Mirac Aydin and Prof. Dr. Adem Tekin	BANDGAP PREDICTION OF HOLE TRANSPORT MATERIALS BY USING NEURAL NETWORKS	
132	Dr Sabrina Naama, Afaf Brik, Fatsah Moulai, Soumia Benredouane, Ouiza Sebaoui, Amal Elfiad, Adel Khen, Yassine Berbar, Lamia Talbi, Faouzi Kezzoula, Amar Manseri, Madjid Ifires and Toufik Hadjersi	Synthesis, Characterisation and Application of MnO <sub>2</sub> /rGO Using as Adsorbent for Efficient Removal of Pb(II) from Aqueous Solution	
94	Gentiana Hasani, Fetah Podvorica, Bashkim Thaçi and Sali Gashi	Use of coal modified with thin alkyl layers for the preparation of heterogeneous assymetric cellulose-acetat coal reverse osmosis membranes.	
101	Jiexian Xiao, Deli Gao and Zhengxu Wang	Temperature Distribution of Heavy Oil Reservoirs under Radio Frequency Heating and Analysis of Influencing Factors	
110	Karima Benfadel, Sabiha Anas, Lamia Talbi, Afaf Brik, Chaima Torki, Fatima Boudeffar, Assia Boukezzata, Djaouida Allam, Yahia Ouadah, Hamid Menari, Amar Manseri and Samira Kaci	Effect of metallic decoration on the catalytic behavior of photoelectrodes for CO <sub>2</sub> conversion	
150	N Bouarissa, F Mezrag, S Saib, M Boucenna and N El-Houda Fares	Electronic band structure and optical properties of gallium phosphide under pressure	
151	S Benlechheb, M Boucenna and N Bouarissa	First-principles study of electronic properties of rock-salt Cd <sub>x</sub> Zn <sub>1-x</sub> S	
152	S Benlechheb, M Boucenna and N Bouarissa	Elastic constants and related properties of Cd <sub>x</sub> Zn <sub>1-x</sub> S ternary alloys	



# ZOOM INFO for ICCESEN-2022

30 October 2022-Sunday	
10:00-11:30 Dr. Feride KULALI (Chair)	Topic: <b>ICCESEN-2022 (invited)</b> Time: Oct 30, 2022 10:00 AM Istanbul Join Zoom Meeting <a href="https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09">https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09</a> Meeting ID: 631 993 5466 Passcode: <b>iccesen22</b> Meeting ID: 631 993 5466 Passcode: <b>462031592</b> Find your local number: <a href="https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09">https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09</a>
16:00-18:00 Chair: Dr. Feride Kulali	Topic: <b>ICCESEN-2022 (presentations)</b> Time: Oct 30, 2022 04:00 PM Istanbul Join Zoom Meeting <a href="https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09">https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09</a> Meeting ID: 631 993 5466 Passcode: <b>iccesen22</b> Meeting ID: 631 993 5466 Passcode: <b>462031592</b> Find your local number: <a href="https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09">https://us06web.zoom.us/j/6319935466?pwd=MWh3WkpnbFBBSmVySnBQRjNINFRRT09</a>