

SCIENTIFIC PROGRAMME FOR ICCESEN-2023

28 October 2023-Saturday

ROOM-1

10.00-11.00	Opening : Prof. Dr. Iskender AKKURT (Chair of ICCESEN-2023)—Suleyman Demirel University, Isparta / TURKEY
	Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY
	Invited Speaker 1: Prof. Dr. Fisnik Aliaj —Department of Physics, University of Prishtina, Prishtina, Kosovo “Prediction of excess thermodynamic properties of quaternary liquid systems from data of their lower order systems ”
	Invited Speaker 2: Prof. Dr. Madjid FATHI – Dept. of EECS University of Siegen, GERMANY “Artificial Intelligent (AI) comprehend solution in Agra production- Foodservice”
11.00-11.30	Group Photo- BREAK

ROOM-1		
Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY		
11.30-12.30	399	Salim BELGHIT, Omar ALLAOUI, Sami Zidelmel Evaluation of cyclic stress damage to the mechanism of rail steels on the curved lines, using the soldworks software.
	411	Amel KAIBI, Abderrahim GUITTOUM, Messaoud. HEMMOUS, D. MARTINEZ-BLANCO, P. GORRIA, J. A. BLANCO , MOUHAMED KECHOUANE The effect of Si content on the physical properties of nanostructured (Ni75Fe25)100-xSix alloy elaborated by mechanical alloying
	92	Kenza Zaibak, Nora Nait Bouda and Fawzia Mekideche-Chafa Applications of Wavelet Transform for Analysis vibratory regime in series RLC circuit
LUNCH---BREAK		
14.00-16.00	104	Mouachi Raja, Remmach Hassnae, Gharnati Fatima and Raoufi Mustapha Security challenges in Critical Smart grid infrastructure
	171	Mr. Etkin Can and Dr. Metehan Atagür An investigation of the effect of chromium oxide additives on zinc phosphating of steel fasteners
	172	Etkin Can and Metehan Atagür Development of innovative fluoropolymer-based coatings to improve the surface properties of fasteners
	18	Ferim Gashi, Ibrahim Ramadani, Edon Shemsedini and Shkumbin Lushaj Analysis of the location of industrial facilities in relation to the urban area (Case study: City of Gjilan-Kosovo)
	173	Dr. Metehan Atagür and Mr. Etkin Can Investigation of the use of precious metal oxides in galvanic coating wastes as an innovative anti-corrosion filler by recycling
	174	Dr. Metehan Atagür and Mr. Etkin Can Enhancing the electrical conductivity by graphene growing on nickel electroplated bolts by chemical vapor deposition (CVD) technique
	177	Meral Çoban Uğurdan and Ayşe Aytaç Investigation of plasma effect on the properties of paper containing different cellulose types
	27	Zarife Bajraktari-Gashi and Izet Ibrahimimi Research of the possibilities of reducing the quantity of CO2 in the premises of the E&E Foundry in Gjakovo

	38	Naim Sylja, Fisnik Aliaj, Bashkim Dalipi, Arbër Zeqiraj and Dhuratë Sylja-Hasani	Fe modeling of shock waves
16.00-16.15	BREAK		
16.15-18.00	385	Arslan SAY, Taina AVRAMESCU, Daniela NEAGOE, Yanislav ZHELEV, Joanna KOMOREK	Digital Trainings for Acquiring Medical Skills in the Treatment of Post-COVID or Long-Term Covid Symptoms
	384	Arslan SAY, Taina AVRAMESCU, Daniela NEAGOE, Yanislav ZHELEV, Joanna KOMOREK	Review of the Current Status of Post-Covid Syndrome
	53	Karima Bouakaz, Amel Youcefi and Abdessamad Abada	Real Time Ultrasoft transverse Photons Self Energy at Next to-leading order in Hot Scalar QED
	54	Besire Cena and Nazmi Hasi	Handling of radioactive waste from the use of radionuclides in medicine in University Clinical Center of Kosovo
	66	Samir Chadli, Billel Bengherbia, Abdelhafid Tobbal, Sid Ahmed Lachenani, Fouad Tchoketch Kebir and Abderrahmane Kerouche	Design and implementation of an Edge AI solution for bearing monitoring and fault diagnosis in centrifugal pumps
	112	Fahima Fares, Nadir Bouarissa, Nour El Houda Fares and Fadila Mezrag	Energy gaps and optical properties for the ternary semiconductor alloys In _x Ga _{1-x} N
	71	Melia Guessoum, Farida Bouzidi and Sorya Nekkaa	Copper intercalated montmorillonite reinforced polypropylene/ poly(lactic acid) (PP/PLA) blend nanocomposite : study of environmental properties and biocidal activity
	77	Mimoza Kovaci Azemi and Zarife Bajraktari Gashi	Optimal conditions for Continuous Hot-Dip Galvanizing steel sheet
	91	Mohammed Oubelkacem Azzoug, Ahmed Amrouche, Farid Belmnaouer, Brahim Mahfoud and Tarek Messai	Development and characterization of new cathode materials for hydrogen production by water electrolysis
	409	Hüsamettin URUNVEREN, Ahmet BEYCIOGLU, Emriye Çınar RESULOGULLARI	The effect of ms modulus and curing temperature on workability and strength in geopolymer mortars
	410	Feride Kulalı Özdek, Yuşa Gürsoy	Determination of radon activity levels of tap and spring water in the anatolian side of istanbul

ROOM-2			
Session Chair : Dr. Hayat ARBOUZ – University of Blida1-ALGERIA			
11.30-12.30	377	Hayat Arbouz	Numerical Study of Epitaxial Misfit Strain Effect on Bandgap fluctuation of the Absorber Material Perovskite CsSn(11-xBr _x) ₃ , and its impact on Photovoltaic Performance of the CsSn(11-xBr _x) ₃ /SnO ₂ Solar Cell based Structure
	267	Khalid Mohammad JABER, Mohammed Lafi, Ahmad AA Alkhatib, Amani Khamis AbedAlghafer, Mohammad Abdul Jawad, Amal Qassed Ahmad	A Comparative Study for Virtual Personal Assistants (VPA) and State-of-the-Art Speech Recognition Technology
	203	Serkan Biyik	Synthesis and Characterization of Y ₂ O ₃ -doped Nanocrystalline Ag-ZnO Electrical Contact Material via Ball Milling
	202	Serkan Biyik	Effect of Matrix Particle Size on the Mechanical Alloying Behavior of Tungsten Carbide Reinforced Copper Based Composite Powder
	222	A.Nekrouf, S.Youcefi	Impacts on the modification of a two-blade mobile on the agitation of newtonian fluids
	253	Afrim Osmani, Muharrem Zabeli, Bastri Zeka	Recycling of lead from spent batteries in the Trepça complex in Mitrovica, Kosovo
	181	Barış Gökdemir, Kutlay Sever and Metehan Atagür	A Study on Production of Polypropylene Matrix Biocomposite Using Sugar Beet Pulp Particles
	12.30-14.00	LUNCH---BREAK	
	102	Mouhoub Birane	Enhancing Efficiency Improvement of Photovoltaic Systems and optimal Energy Management of PV-Battery for Renewable Energy Systems.
	103	Izet Ibrahim, Zarife Bajraktari Gashi, Nderim Tahiri and Skender Nikaj	Research of opportunities for the intensification of the cast iron production process in the cupola furnace

14.00-16.00	105	Dr. Magraoui Rabah and Prof. Ouali Mohammed	Contribution to conditional maintenance by vibration analysis of rotating machines Mechanical failures and proposed solutions
	115	Tarek Khoualdia, Zoubir Chelli and Sofiane Boukharl	Application of deep neural network for diagnosis of roller bearing faults in induction motor
	117	Chelli Zoubir, Khoualdia Tarek and Boukhari Soufiane	Contribution to the study of a photovoltaic pumping chain in the Tiffrech region, Souk ahras, Algeria
	122	Djamel Ouadjaout	Strategy for improving the performance characteristics of Multicrystalline Silicon ingots
	123	Rezki Amara, Mokhtar Nebab, Ait Atmane Hassen and Riadh Bennai	Interfacial Stress Analysis in FRP Reinforced RC Beams Using ANN Method
	130	Sabiha Anas Boussaa	Recovering of Pure Silicon from Damaged Crystalline Silicon Cells
	139	Burim Kamishi	On Symplectic Form of Physical Systems with Symmetry
16.00-16.15	BREAK		
16.15-18.00	140	Allaoui Omar, Barkat Med Redouane, Zidelmel Sami and Keddou Mourad	Effect of the nature and the proportion of the activator on the borides layers produced on C35 steel by the powder technique
	150	Arbër Zeqiraj , Altin Gjevori, Artan Llozana, Naim Sylja and Fisnik Aliaj	Densities and sound speeds of ternary mixtures 1-butanol + cyclohexane + ethylbenzene and their binary subsystems at a temperature of 298.15 K under atmospheric pressure
	305	Ezgi Yıldız ATEŞ, Hüseyin Ali YALIM, Mücteba UYSAL	Determination of Radiation Absorption Properties of Some Concretes Containing Heavy Aggregate and Ulexite
	300	Ali İhsan ÇETİN, Ali Hakan BÜYÜKLÜ	Revolutionizing K-Nearest Neighbor Distance Measurements for Enhanced Credit Scoring
	261	Şemsettin KILINÇARSLAN, Yasemin ŞİMŞEK TÜRKER	Investigation of the Effect of Anatomical Properties on the Technological Properties of Wood Material
	262	Şemsettin KILINÇARSLAN, Nanh Radia FAISAL, Metin DAVRAZ	Investigation of physico-mechanical properties of artificial marble produced with magnesium oxychloride cement
	234	Mohamed MAOUDJ, Djoudi BOUHAFS	Application of Injection-Dependent Lifetime Spectroscopy for the determination of recombination activity of interstitial Iron in silicon wafers
	208	Yasin Ozdemir, Kutlay Sever, Metehan Atagur and Ibrahim Sen	Investigation of Mechanical and Thermal Properties of Pumice Powder Filled Polypropylene Composites
	207	Yasin Ozdemir, Kutlay Sever, Metehan Atagur, Ibrahim Sen and Murat Eroglu	Evaluation of the nucleating effect of pumice on the mechanical and thermal properties of polypropylene

ROOM-3			
Session Chair : Dr. Sabiha Anas- CRTSE / ALGERIA			
11.30-12.30	19	Dr. Tahar Boukra, Bilel Ayachi and Yassine Bensafia	bearing remaining useful life prediction : baseline study
	22	Muharrem Zabeli, Bastri Zeka and Afrim Osmani	Thermal analysis of AISi10Mg alloy and heat treatment hardening
	24	Bastri Zeka, Muharrem Zabel and Afrim Osmani	research of reactions on ferronickel laterite by rotary kiln furnace process
	15	Kajtaž Bllaca	Superzeta functions
	40	Arben HAZIRI, Ilir MAZREKU, Ilirjana OSMANI, Ibrahim RUDHANI	Synthesis and Anticoagulant Activity of the Synthetic Coumarin Derivatives
12.30-14.00	LUNCH---BREAK		
	154	Fatima Benrachi, Nadjet Laouet and Hanane Saifi	Nuclear structure investigation of A=80 neutron-rich systems in the vicinity of 56Ni mass region

14.00-16.00	121	Fazıl Gümüşay, Ünver Özkol and Süphan Ercan	Design And Optimization Of An Eiffel Type Wind Tunnel For Scaled Vehicle Tests
	195	Cezary Kraśkiewicz, Artur Zbiciak, Przemysław Mossakowski, Kacper Wasilewski and Andrzej Długolecki	Field Tests on a Track Structure Equipped with Rail Dampers
	220	Abdelaziz LAKEHAL, Farouk MAHFOUDI	Structural failures diagnosis in water networks Based on conditional probability theory
	178	Mustafa Senay	Exploring MOND Theory in the Context of Fermionic q-Deformation: A New Approach to Modified Gravity
	180	Kutlay Sever, Hüseyin Yılmaz and Metehan Atagür	Electrically conductive polymeric hybrid composites with organic and inorganic fillers: production and characterization
	182	Gökhan Başman, Erdoğan Karip and Cengiz Yaşın	Recycling of Gangue Mineral (Pasa) and Its Use in Filled Concrete
	406	Yusuf Ceylan	Radiation Protection Efficiency of 10B ₂ O ₃ -10Nb ₂ O ₅ -80TeO ₂ Glasses
	407	Yusuf Ceylan	Mean free path of glass samples in terms of radiation shielding
	408	Yusuf Ceylan	Effective Atomic Number and Electron density for some glass to test shielding properties
16.00-16.15	BREAK		
	155	Fatima Benrachi and Nadjet Laouet	Beta decay nuclear properties of A=74 Isobars
	239	Djamel herbadji, Aissa Belmeguenai, Abderrahmane Herbadji, Noubel Guermat	Voice encryption scheme based on enhanced quadratic chaotic
	254	Sarra GARAH, Abelmalek BOUMALI, Hadjar Rezki	Gravitational Waves
	265	Ahmed BENYOUCEF, Youcef ZENNİR, Ammar BELATERACHE	Enhancing Hexapod Robot Locomotion Control through PID Controller Optimization using Genetic Algorithm
	332	Hamide Ayed. Ghodelbourk	Study of the influence of atmospheric parameters on the performance of photovoltaic cells
	291	M.I. Sayyed, Kawa M. Kaky	Radiation shielding properties of synthesized Boro-tellurite glasses influenced by heavy metal
	359	Sabah FETAH, Walid MENASRI, Sansabilla BOUCHARREB	Theoretical investigation of the optical properties of the Hg ₂ CuTi-type full-heusler compound Ti ₂ NiZ(Z=Al,Ga)
	370	Kenza Djilali Djebbour , Mokhtar Nebab, Ait Atmane Hassen, Bennai Riadh	Dynamics analysis of functionally graded reinforced carbon nanotubes beams resting on elastic foundation
	297	Yuyong Chen, Jingxi Wu, Ping Sun	Microstructure and Mechanical Properties of In-situ High-Temperature Titanium Matrix Composites

29 October 2023-Sunday

ROOM-1

Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY	
10.00-11.00	<p>Invited Speaker 4: Prof.Dr. Gerhard-Wilhelm WEBER –Poznan University of Technology-POLAND “Statement of Mutual Interaction between Finance and Human Factors by Various Types of Indicators”</p> <p>Invited Speaker 5: Prof.Dr. Shaaban Khalil–</p>
11.00-11.30	BREAK

ROOM-1			
Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY			
11.30-12.30	273	Dalila Boucherit, Ismail Boucherit	Evaluation of the time function used in concrete creep and shrinkage prediction models.
	170	Ahmed Mohamed Khalafallah Abdalaziz and İsmail Hakkı Kara	The Hardness and Microstructure Properties of Zn-Mg-Ca Alloys
	169	Yasin Ozgurluk	Investigation of the oxidation behavior of new generation zirconia (ZrO ₂) based thermal barrier coating (TBC) systems stabilized with calcium oxide (CaO)
12.30-14.00	LUNCH---BREAK		
14.00-16.00	107	Kenan Pallusha, Nderim Beqiraj, Fadil Ajredini, Neset Izairi, Yllka Kabashi and Skender Kabashi	Green Zone self-sustainable Park
	315	Nina T. Morozova, Fedor A. Pleshakov	Research and design of tether robots for three-dimensional large-scale printing
	343	Adnan A. Hnaif	A New Framework to Cybersecurity Strategies for Protecting Computer Networks
	167	Yasin Ozgurluk	Investigation of the oxidation behavior of new generation zirconia (ZrO ₂) based thermal barrier coating (TBC) systems stabilized with calcium oxide (CaO)
	369	Deva, Nurten, Muharrem Zabeli, Batri Zeka	Experimental research of copper cathode gained during the electrolytic refining process of the secondary copper anodes
	301	Cagri Yilmaz	Utilizing a forced Van der Pol-Rayleigh-Helmoltz oscillator under heptamodal-frequency operations in casimir force measurement
	100	Cagri Yilmaz	A Laplace transformation-based analytical approach to investigate dynamic acoustic force sensitivity by utilizing resonant micro-cantilevers in monomodal and bimodal operations
	307	Zaki SU'UD, Feriska H. IRKA, J. Pierre Ndayiragije, Nur Asiah APRIANTI, R.D. SYARIFAH , ZUHAIR	CONCEPTUAL DESIGN STUDY OF MODULAR VERY SMALL GCFR
16.00-16.15	BREAK		
16.15-18.00	64	Emin Cantez, Oğuz Alper İsen and Serkan Aydın	Detection and Prevention of Quality Errors by Making Precise Measurement Integrated into the Production Line with Image Processing Techniques in Fast Press Lines
	357	SAMAI, OUSSAMA, Rayane Karim, Allaoui Omar	Machine Learning for Phase Diagram Construction: A Data-Driven Approach
	382	Mouna BOUHELAL, Abir SELIM, Florent HAAS	Shell-Model Study of the Spectroscopic Properties of the isobaric triplet ²⁶ Mg– ²⁶ Al– ²⁶ Si
	160	Prof.Dr.Ulviye Bunyatova , Cengiz Kocum , Orhan Erdem Haberal , Kubra Erkan Turkmen , Onur Kocak and Gül Ozdemir	Pathogen detection in biological media using a new bio-sensing device
	6	Oğuz Alper İsen, Emin Cantez and Serkan Aydın	Detection of Oil Film Layer on Metal Sheets with IR Illumination and Image Processing

ROOM-2			
Session Chair : Dr. Kateřina Horáčková- University of Pardubice / Czechia			
11.30-12.30	397	Bilge ALBAYRAK ÇEPER, Hüsamettin Alperen ALABAŞ	Effect of Kerosene -Methane Blends on Flame Temperature and Pollutant Emissions
	363	Ezgi DOĞAN, Memduh KURTULMUŞ	Principles and advantages of the wire arc additive manufacturing (waam) process
	364	Ezgi DOĞAN, Memduh KURTULMUŞ	Waam properties of mild and carbon steels
	334	Mehmet DAYIOĞLU, Rıdvan ÜNAL	Desing and Economic Analysis of a Grid-Tied Microgrid Using Homer Software
	335	Mehmet DAYIOĞLU, Rıdvan ÜNAL	Comparison of Different Forecasting Techniques for Microgrid Load Based on Historical Load and Meteorological Data
12.30-14.00	LUNCH---BREAK --ONLINE		
14.00-16.00 --ONLINE	356	Erdem ŞEN, Ali Hakan BÜYÜKLÜ	Applications on Autoregressive Conditional Duration Model and Minimum Distance Estimation
	373	Sahar Heidary, Cemile Ceylan, Turky Toklu, Serife Ipek Karaarslan	Evaluation of the small-field output factor and profile measurements capability of a high-resolution CMOS array detector for Flat and unflat Beams.
	381	A. Cihan OZDEMIR, Dilek KUMLUTAS, Erdem SARICA, Ozgun OZER, Utku Alp YUCEKAYA, Kadir BOZDEMIR	Soğuk İklim Koşullarına Uygun Split Klima İç Ünitesinin Hesaplamalı Akışkanlar Dinamiği ile Modellenmesi
	380	Ahmed Abdulkareem Abbood ALBUMEFREJ, Iskender AKKURT	Natural Radioactivity of oil sample in Southern Iraq
	216	Feyza Nur ÖZDEN, Celal Onur GÖKÇE, Güray SONUGÜR	Farklı Topolojilerde Sentetik Kabuk Veri Setleri Üzerinde K-Means Yönteminin Detaylı Performans Analizi
	290	Ayşe Nihan BASMACI, Seckin FİLİZ	Investigation of Electromagnetic Wave Propagation in Triple Walled Carbon Nanotubes
	277	Zuhal ER, Ugur Ziya SOKU	Using Inland Sea Water Opportunities in Case of Disaster And Crisis
	278	Zuhal ER, Ugur Ziya SOKU	Academic Studies on How the Sea Trade Policy of Turkey Was Going to the 22th Century
	201	Benbahouche Lynda and Khelefhoum Abdelhamid	Structural, electronic and optical properties of TIGaX2 (X: S, Se) monoclinic compounds
16.00-16.15	BREAK--ONLINE		
16.15-18.00 --ONLINE	282	Adalat HASANOV, Backramjan RASAKHODZHAEV, Elmaddin ABBASOV, Dildar MAMMADOVA, Sevinc QASIMOVA	System for transfer and converting various natural types of energy
	404	Esra Koca	Mathematical Programming Formulations for Network Improvement Problems
	198	Dr. Ümran Kaya and Dr. İsmail Altunhan	ANFIS and NLP use on cost and schedule management at oil and gas projects
	170	Doç. Dr. İlyas Kartal and Ms. Hilal Selimoğlu	Usibility of Pine Sawdust and Cotton Together as Filler in Recycled Polypropylene Composites
	361	Bashkim DALIPI, Naim SYLA, Fisnik ALIAJ, Arbër ZEQRARAJ, Donat DALIPI	Ionospheric plasma parameters derived from the power spectrum of the EISCAT Svalbard radar
	362	Donat DALIPI, Naim SYLA, Fisnik ALIAJ, Arbër ZEQRARAJ, Bashkim DALIPI	Computer modeling of incoherent scattering spectrum
	200	Besim Xhafa, Yllka Kabashi and Skender Kabashi	Comparative benefits of hybrid treatment planning technique for left-sided breast cancer in radiotherapy
	320	Muhammed Enes EREN, Prof. Dr. Ali Hakan BÜYÜKLÜ	Improving Prediction Accuracy of Machine Learning Using Meta-Analysis Results
	413	İlyas KARTAL, Mehmet TUNÇ	Meşe Ağacı Talaşı Dolgulu Polyester Kompozitlerin Mekanik Özelliklerinin İncelenmesi
	319	Neslihan İYİT	The Superiority of Generalized Poisson Mixed Regression Model in Modeling Global Lung Cancer Prevalence in the Aspect of Environmental Health, Climate Change, and Ecosystem Vitality to Achieve Sustainable Development Goals by 2030
	162	Ipek Atik	Comparison of Different Deep Learning Methods for Aircraft Detection

	163	Ipek Atik	Military Object Detection with Defense-oriented Deep Learning Methods: New Approaches for Robust and Accurate Detection
	164	Ipek Atik	Detection of Military Vehicles using Deep Learning and Object Recognition Techniques
	165	Ipek Atik	Fire Detection Using Image Processing and Deep Learning Methods

ROOM-3			
Session Chair : Prof.Dr. Ahmet BEYÇIOĞLU —Alpaslan Turkeş University, Adana / TURKEY			
11.30-12.30	39	Dalila Yamani	A hybrid course to study the waves' interference phenomenon. What is the impact on the students' conceptual understanding?
	46	Sidahmed Lachenani, Billel Bengherbia, Mohamed Rebiai and Mohamed Ould Zmirli	Optimizing Defect Detection in Ball Bearings: A Robust Signal Filtering Approach with Dynamic FIR Filter Coefficients
	354	Zeynep YARAR, Ozge KOZGUS GULDU, Emin Ilker MEDINE	Synthesis And Characterization Of EGCG Loaded Silica Nanoparticles
12.30-14.00	LUNCH---BREAK		
14.00-16.00	310	Hüseyin Müştak, Günhan Bayrak	Investigation of the corrosion effect on en aw 5005 aluminum alloy welded at different weld rates with aa5356 filler metal using by mig welding technique
	311	Asil AYAZ, Gizem Dilara ÖZDEMİR, Utku Kürşat ERCAN, Kutlay SEVER	Investigation of the influence of atmospheric pressure plasma surface treatment on adhesively bonded glass fiber reinforced epoxy composite joints
	312	Asil AYAZ, Gizem Dilara ÖZDEMİR, Utku Kürşat ERCAN, Kutlay SEVER	Effect of atmospheric pressure plasma treatment on adhesively bonded single lap joints of glass fiber reinforced epoxy composite and aluminium alloy
	5	Mokhtar Nebab, Kenza Djilali Djebbour, Ait Atmane Hassen and Riadh Bennai	On guided wave propagation in functionally graded materials beams resting elastic foundations
	7	Mohammed Oubelkacem Azzoug, Tarek Messai, Mohammed Moussaoui, Farid Belmenouar and Brahim Mahfoud	electrolyte temperature influence study on the electrochemical behavior of welding cords
	187	Fadila Mezrag, Nadir Bouarissa, Nor El Imane Beddar, Nour El-Houda Fares and Fahima Fares	Pseudopotential Analysis of Refractive Index and Dielectric Constants in ZnxCd1-xS semiconductor ternary alloys
16.00-16.15	BREAK		
16.15-18.00	394	Mucize SARIHAN, Işıl BİLGİÇ	Evaluation of Radiotherapy Students' Knowledge Levels about Nuclear Medicine and Nuclear Energy
	395	Berra Seda SARIHAN, Mucize SARIHAN, Halil SOYAL, Işıl BİLGİÇ	Designing the Interior Structure of Tomography Imaging Rooms for Radiological Imaging
	353	Osman GÜNAY, Caner YALÇIN, R. Taygun GURAY Taylan YETKİN	Determination of Levels of Artificial Radioactive Cs-137 Dose in Various Soil Samples in Dilovası-Kocaeli
	400	Nurdan Karpuz	A Qualitative Study on the Effect of Behavioral Sciences Course on University Students' Thoughts, Attitudes and Behaviors
	398	Nusret KARPUZ, Serdar ÖGEL	Investigation of the Quality of Life of People in Need with the Effect of Social Assistance and Solidarity Foundation
	396	Mucize SARIHAN, Halil SOYAL, Işıl BİLGİÇ	Radiation workers in hospitals and managerial ethics
	231	Nurdan Karpuz	Linear Attenuation Coefficients 40MgO–30SiO ₂ – 20B ₂ O ₃ –10La ₂ O ₃ Glasses
	232	Nurdan Karpuz	Effective Atomic Numbers of Magnesium Borosilicate Glasses
	266	Aycan Sengul	Investigation of radiation shielding properties of Ni-MOFs material using GAMOS Monte carlo simulation code

POSTERS

28 October 2023-Saturday

Session Chair : Dr. Nurdan KARPUZ – Amasya University -TURKIYE			
10.00-12.30	161	Kateřina Horácková and Helena Černocka	Issues of PORT and PICC vascular access devices
	16	Elbahi Toubal, Abdelkader Belkhir, Messaoud Rahim and Karim Boudjebbour	A model-driven approach for composing web services based on BPMN diagrams
	69	Sorya Nekkaa, Meriem Bedreddine and Melia Guessoum	Environmental Properties of Spartium junceum Fibers Reinforced Poly (lactic acid) Composites.
	78	Loubna Mentar, Ibrahim Yaacoub Bouderbala and Amor Azizi	Effect of CuCl ₂ , NaCl and KCl on the properties of Cu ₂ O thin films for photovoltaic applications
	82	Nawel Saidji	Stability and degradation kinetics of anthocyanin
	85	Abderahim Abada, Abderrahmane Younes and Rachid Amraoui	Electromagnetic and Mechanical Properties of Nanostructured Al-Ti alloys
	86	Rachid Amraoui , Abderrahmane Younes and Abderahim Abada	Magnetic and Structural Properties of Nanostructured AgFeO ₂ and CuFe ₂ O ₄ Alloys
	99	Dr Ahlame Mraouefel, Lakhdar Guerbous and Madjid Diaf	Annealing effects on structural and luminescence properties of Tb ³⁺ -doped yttrium phosphovanadates Nanophosphor Synthesized by Sol-Gel Method
	119	Mme Feriel Reggabi and Mr Islem Benghezal	Robustness & validation RP-HPLC Method for Assay of Pinaverium Bromide Tablet
	138	Rafik Makhloufi, Ahmed Boussaha, Lazhar Baroura and Hamza Bennaceur	Characterization of an iron-based alloy produced by powder metallurgy
	158	Hamza Bennaceur, Hacene Ameddah and Hammoudi Mazouz	Numerical Fatigue Analysis of the Polyethylene Insert of a Total Knee Prosthesis
	176	Boussaha Bouchoul, Leila Lamiri, Mohamed Hamidouche, Abdelghani Kenzour, Mohamed Tahar Benaniba, Hamlaoui Katib and Ouafia Belgherbi	Investigation of physical and mechanical properties of DLP 3D Printed TiO ₂ /photosensitive resin composites
	189	Fayssal Boufelgha, Rahima Zellagui, Mohamed Cherif Benachour, Heider Dehdouh, Noureddine Brihi and Slimene Hadjeb	Elaboration of SnO ₂ metal oxides for PLA polymer reinforcement
	191	Amale Mahi and Abdellah Hassaine	Analytical solution for free vibration analysis of a graphene-reinforced porous FGM beams under different boundary conditions
	204	Imene Bennia, Seddik Haddou and Samah Lounis	Numerical heat transfer of rectangular fins for different conditions validated by an experimental part
	221	Maamar MALKI, Sid Ali BOUBENDIR, Salah LARBI	Hydrodynamic Lubrication Analysis In Self-Lubricating Journal Bearings Using Power Law Fluid Model
	241	Boubechou CHOUBEILA, Bouchoucha ALI, Zaidi HAMID	Study of the Tribomechanical Behavior Of Dynamic Copper-Steel And Brass-Steel Couples
245	Gheribi HASSINA, Teyar SOUMIA, Belaadi AHMED	Study of a Composite Material Reinforced of Strelitzia Reginae Fiber	
263	FERRADJ Abdelhak, IDOUHAR Madjid	Monitoring of anionic surfactant levels in wastewater	

	271	Noudjoud Hamdouni, Mohamed Larbi Medjroubi, Ali Boudjada, Ouarda Brihi and Olivier Jeannin	Crystal structure and quantum chemical dft calculations of 2,6-dichloro-4-nitrotoluene
	283	Karima SELLAMI, Nabila LABSI, Youb Khaled BENKAHLA, Monssif NAJIM, M'barek FEDDAOUI	Numerical Investigation of Heat and Mass Transfer Process of a Direct Evaporative Cooler
	61	Farida Hamdache, Farid Halet, Ahmed Reda Yeddou, Abdelmalek Chergui and Boubekeur Nadjemi	Application of peanut shells as low cost adsorbent for cationic dye adsorption
	62	Farid Halet, Farida Hamdache, Saida Bekhti, Salima Chergui, Ahmed Reda Yeddou, Abdelmalek Chergui and Boubekeur Nadjemi	Elimination of methylene blue dye in aqueous solution by ultraviolet (UV) radiation alone and in the presence of hydrogen peroxide
	57	Ahmed Reda Yeddou, Salima Chergui, Farid Halet, Abderrahmane Boutrif, Abdelmalek Chergui, Boubekeur Nadjemi and Aissa Ould-DrIs	Cyanide Removal from Aqueous Solution by Adsorption on Activated Alumina
	59	Salima Chergui, Farid Halet, Abderrahmane Boutrif, Abdelmalek Chergui, Boubekeur Nadjemi, Ahmed Reda Yeddou and Aissa Ould-DrIs	Preparation of Copper Impregnated Activated Carbon and its Use for Cyanide Removal in aqueous media
	97	Zohra Douadi	The Role of Alternative Experiments in Correcting Middle School Students' Misconceptions about the Boiling Concept in Algeria
	79	Sara Chérifa Bennedjai, Dalila Hammoutène and M.Luisa Senent Diez	THEORETICAL CHARACTERIZATION OF C3H AND C5H AND THEIR ANIONS
	74	Leila Boutemtam and Mohamed Amine Ferhat	Comparing methods of extracting essential oils from citrus plants.
	65	Salima Kaizra	Electrodeposited Cu ₂ O on GC and its application for electro-oxidation of MB
	89	Fatma Zohra Ferrahi and Baya Berka	Moringa Extraction ultra sound method highest performance
	347	Farid BETTÏNE, Ammar HABOUSSI, Fayçal BOUZÏD, Bouchoul BOUSSAHA, Rafik MAHDAOUI, Fayssal BOUFELGHA	Evaluation of the Effect of Infill Patterns and Orientations on Mechanical Properties of 3D-printed samples
	47	Abdellatif Fahima, Dahmane Dahmane and Messaoudi Mohammed	HPLC/DAD of polyphenolic compounds, antioxidant activity of Algerian Spirulina
	81	Habiba Boukerche, Nawel Saidji and Hind Mokrane	Optimization of the ultrasound-assisted extraction of anthocyanins and total phenolic compounds in Hibiscus Sabdariffa L.
12.30-14.00	BREAK		
14.00-18.00	288	Ouarda Brihi, Meriem Medjani, Souheila Chetoui, Sabah Kellou, Noudjoud Hamdouni, Ali.Boudjada	Crystal structure, Hirshfeld surface analyses, spectroscopic characterization, DFT calculations of Tribromoalinine
	48	Lebba Ghenam	Study of the deconfinement phase transition with q-deformed algebra
	52	Derbil Samia	The study of the dielectric behavior of healthy and altered materials
	58	Embarka Boutalbi and Leila Ait Gougam-Tribeche	Planck's law and Einstein coefficients in Tsallis q- statistics
	80	Karima Mezouar and Amal Ait El Djoudi	Effect of The Curvature Term in the Density of State on the Nucleation of Quark-Gluon Plasma Droplets in Hot Hadronic Gas
	309	Nabila BOUTOUCHENT-GUERFI, Sonia RETÏEB, Karim Hireche, Nesrinne Seddiki	Unexpected effect of aging on the dielectric properties of PE used in cable coating expired and irradiated by γ -Co60 up to 50 KGy
	316	Sid Ali BOUBENDIR, Maamer MALKI, Salah LARBI, Salim TRIAA, Lynda BOUBENDIR	A non-newtonian behavior effect on Hybrid journal bearings performances
	342	Brahim IDIR, Farida KELLOU-KERKOCHE, Lynda BENHADDAD, Mustapha DJAMA, Amel KOUACHE	Bio-molecule as a sustainable protection against corrosion of ductile iron in acid solution: Experimental and computational studies
	366	Souad Wassila RACHEDI and Latifa Guezzen	Density dependence of the relative intensity of EUV lines emitted from ArXV ions excited by an electron beam
	374	Dris BENDJABALLAH, Adel MILES, Ali BOUCHOUCHA	Modeling and numerical simulation of car frontal crash test using Finite element method
	375	Choubeila BOUBECHOU, Adel MILES, Ali BOUCHOUCHA, Dris BENDJABALLAH	Comparison of the thermomechanical behavior of copper-steel and brass-steel tribological couples
	383	A. MOHAMMED KRARROUBI, C. MOHAMMED KRARROUBI, A.ROUABHIAI.M.Othmani	Performance and degradation of photovoltaic panels in the Saharan Environment
	93	Karima Boudhar and Mahdi Debieche	Crystal structure and quantum chemical DFT calculations of C,p-methoxyphenyl-N-phenyl nitrone

159	Fatma Zohra Tichouche, Abdelkader Djilali Hammou, Belkacem Kired and Zaza Gharbi	Experimental modal analysis of cantilever Euler-Bernoulli beam
136	Zidelmel Sami and Mansouri Tahar	Critical strain for dynamic recrystallisation during constant strain rate hot deformation of X70 steel
137	Zidelmel Sami, Dakmoussi Maamar and Allaoui Omar	Effect of boriding treatment and operating parameters on sand slurry erosion of X52 steel
153	Artan Llozana, Altin Gjevori, Arber Zeqiraj, Naim Syla and Fisnik Aliaj	Experimental and Modeling Study of binary mixtures MTBE with Cyclohexane and Benzene
188	Fadila Mezrag, Nadir Bouarissa, Lynda Lakhal, Nour El Houda Fares and Fahima Fares	Quantum Confinement Effects on Energy band Gaps in II-VI Semiconductor Quantum Dots: A Study of MgSe, CdTe, ZnS, ZnSe, and ZnTe
355	Ahmed BELGACEM, Abdelhamid M'RAOUI	Simulation of hydrogen liquefaction and optimization of energy consumption
101	Fouad Kerkar, Abdelkrim Kheloufi, Djamel Ouadajaout and Nahed Dokhan	Multicrystalline Silicon Wafers Morphological and Electrical Evaluation
365	Rahma BENSaid and Fatima Z.GHALEM	The probabilities of hyperfine- induced electric dipole transitions of x-line in He-like ions with nuclear spin I=3/2 excited by impact of electron beam.
20	Karim Boudjebbour, Abdelkader Belkhir, El Bahi Toubal, Ahmed Cherif Mazari and Messaoud Rahim	Multi-label classification of social networks users used for recommendation systems
44	Mohamed Rebiai, Billel Bengherbia and Sid Ahmed Lachenani	Nonlinear and non-stationary vibration signal analysis based on the Fourier Decomposition Method
256	Ameur Ouali, Smail Lamara, Foudil Sahnoune	Crystallization Kinetics Study of α -Cordierite from MgO-Al ₂ O ₃ -SiO ₂ -TiO ₂
229	Nadjet BOULKROUNE, Soumaya LAROUS, Lyna DJEBABLA, Rayen-Neoussef BOUDERSA, Hibat Allah-Nourhane BOUCHAIR	Liquid-liquid extraction for quaternary systems: water+formic acid+acetic acid+heptane/hexane
296	Menad Heraiz*, Ahcen Keziz, Khadidja	Mechanism and characterization of Forsterite (Mg ₂ SiO ₄) formation obtained by the sol-gel method
298	Abdelmadjid BOUSSENDEL, Menad HERAIZ	Study of the substrate effect on the magnetic properties of the Fe(001) monolayer in the Fe(001)/Rh system
304	Boussendel Abdelmadjid, Amar Djemli, Foudil Sahnoune	Lanthanum Manganite LaMnO ₃ Crystallization Kinetics Prepared Through Sol-Gel Auto-Combustion Method
323	Nadir Bouarissa, Fadila Mezrag, Nour-El-Houda Fares, Fahima Fares	Pseudo-potential calculations on electronic and optical properties of gallium phosphide under pressure
329	K. M'hammedi, F. Bouamra, I. Bachir, M. Berouaken, N. Gabouze	Sol-gel assisted synthesis of Co doped NiO thin films as an electrode material for supercapacitor application
236	Soumaya LAROUS, Nadjet BOULKROUNE, Samaher BEZICHE, Maissa BENSLIMANE	Liquid-liquid equilibrium for ternary systems: water/propanol/n-hexane water/propanol/ ethyl acetate: Experimental and correlation data
95	Fatiha Smaili, Salima Kaizra and Sabrina Tabti	Removal of Safranin by Direct Electrochemical Oxidation Method Using a β -PbO ₂ as Anode
73	Saida Bekhti, Mohamed Belkacem, Farid Halet, Ahmed Réda Yeddou and Boubekeur Nadjemi	Identification of fouling mechanism and degradation of RO membranes using real DATA: Case study

29 October 2023-Sunday

Session Chair : Dr. Nurdan KARPUZ – Amasya University -TURKIYE			
10.00-12.30	2	Nazmi Hasi, Latif Hasi and Besire Tahiri	Measurement of Tremors for the Seismic Station of Gillogovc-Kosovo
	4	Nazmi Hasi and Besire Tahiri	Seismotectonic and neotectonics, the cause of the seismicity of the territory of Kosovo
	29	Lakhdar Bouras, Tahar Boukra and Bilel Ayachi	Comparative Study of Fuzzy Logic and Perturbation and Observation MPPT Algorithms for Photovoltaic System Optimization
	31	Dr. Tahar Boukra, Bilel Ayachi and Yassine Bensafia	Tracking Trajectory In Fractional Adaptive Control: Application To Scara Robot
	114	Nour El Houda Fares, Nadir Bouarissa, Fahima Fares and Fadila Mezrag	Lattice dynamics and electric polarization field of ZnS upon compression
	129	Besire Cena, Luan Qafmolla and Nazmi Hasi	Conditioning of Low-Level Radioactive Wastes (LLRW), Spent Radiation Sources (SRS), their transport to Temporary Storage Facility in Kosovo and Albania
	141	Allaoui Omar, Belhocine Abdelghani and Maazouz Mourad	Mechanical Characterization of Chromium Carbide Layers Obtained on 100Cr6 and X200Cr12 Steels by Conversion Treatment
	143	Serkan Aydın, Oğuz Alper İsen and EmİN Cantez	LoRaWAN-based Alert System for Selective Laser Melting Machines
	144	Oğuz Alper İsen, EmİN Cantez and Serkan Aydın	Empirical Assessment of Siemens S7-1200 and Arduino Portenta H7 in Industrial Automation
	145	Serkan Aydın, Oğuz Alper İsen and Emin Cantez	Evaluating Photonic and Laser-Based Techniques for Microaperture Inspection
	146	Emin Cantez, Oğuz Alper İsen and Serkan Aydın	Comparative Analysis of Monofluid and Metalo-Fluidic Coolants in Thermal Management
	148	Hacene Hachache, Zineb Hamlati and Safia Alleg	The influence of the governing parameters on mechanical and thermal properties of two species of hybrid composites Al-2wt%MWCNTs-2wt%B4C and Al-4wt%CNTs doped by graphene at low milling time
	166	Djamel Herbadji, Noubel Guermat and Abderrahmane Herbadji	A facial recognition-based encryption technique based on chaos theory
	183	Younes Nezzari, Warda Darenfad, Kamel Mirouh, Noubel Guermat and Rayene Merah	Influence of precursor solution on the properties of Co3O4 thin films deposited by spray pyrolysis
	184	Warda Darenfad, Noubel Guermat, Kamel Mirouh, Younes Nezzari and Rayene Merah	Evaluating structural, morphological, optical and electrical aspects of NiO/BiMnO3/FTO heterojunction
	192	Amale Mahi	An accurate analytical approach for the free vibration analysis of CNT-reinforced porous composite beams under different boundary conditions
	197	Said Boucetta	Ab initio study of the structural, electronic and optical properties of ZnSiAs2
	243	Youcef ZENNIR, Ahmed BENYOUCEF, Badreddine DJEGHADER, Naila HAMIOUDA	Photovoltaic solar battery charge control with MPPT P&O and PSO algorithm
	259	Hadjar REZKI, Slimane ZAIM, Sarra GARAH	Bosons Creation in Non-Commutative De Sitter Space
	264	Ali AMRANE, Youcef ZENNİR, Denis POMORSKI	Trajectory Tracking Control of an Autonomous Electric Wheelchair Using Particle Swarm Optimization-Based Variant PID Controller
285	Nabila LABSI*, Nihal TOUDJA, Nesrine ALLALOU, Youb Khaled BENKAHLA	Hydrodynamic behaviour of the flow of a non-Newtonian nanofluid: Silver/Carreau-Yasuda	
284	Nabila LABSI, Khaoula BRAKBI, Asma AZIBI, Youb Khaled BENKAHLA	Study of heat exchangers fouling in the preheating circuit of crude oil stabilization unit in Hassi Messaoud	

	326	J.Francisco Muñoz-Elguezabal, J.Diego Sánchez-Torres, Riemann Ruiz-Cruz	Enhancing Financial Time Series Forecasting with a Temporal Ensemble Machine Learning Framework
	327	J.Francisco Muñoz-Elguezabal	Evidence of Symbiotic Convergence in Narrow-Intelligent Market-Making Algorithms on Decentralized Exchanges
	90	Bahdja Guerfi, Nadia Khader, Amina Zouani and Fatma Zohra Hadjadj Aoul	CHARACTERIZATION OF THE ESSENTIAL OILS OF LAVANDULA STOECHAS AND LAVANDULA ANGUSTIFOLIA FROM ALGERIA
	128	Samia Berouaken, Mounia Benamara, Dahmas and Samia Abdi	MICROBIOLOGICAL CONTROL OF THE EFFECTIVENESS OF THE DISINFECTION PROCESS FOR ORTHODONTIC PLIERS
	3	Nazmi Hasi and Latif Hasi	SEISMOLOGICAL INVESTIGATIONS FOR LOCATIONS OF SECONDARY STATIONS IN KOSOVO
	120	Mr Islem Benghezal and Mme Ferial Reggabi	Validated LC Method for measuring the release of Solifinacin Succinate Tablet Immediate Release in Dissolution Media
	333	Amina SRIBA	Fusion and Heat Affected Zones Damage During Fatigue Assessment Assisted with Digital Image Correlation
	304	Boussendel Abdelmadjid, Amar Djemli, Foudil Sahnoune	Lanthanum Manganite LaMnO ₃ Crystallization Kinetics Prepared Through Sol-Gel Auto-Combustion Method
	258	Foudil SAHNOUNE, Amar DJEMLI, Abdelmadjid BOUSSENDEL, Essebti Dhahri and Nouari Saheb	Kinetics, Phase Transformations and Sintering of Mg-doped LaMnO ₃
	228	Lyes ZOUGAR, N. BENTAIEB, Imen LARBI, Randa SOUCI, Samira SALI, Salim KERMADI	IMPACT OF GALLIUM DOPING AND HEAT TREATMENT ON SPRAYED ALOX PROPERTIES FOR SILICON SURFACE PASSIVATION
	218	Bouzid MAAMACHE, Brahim BELKESSA, Naïma OUALI, Billel CHENITI	Effect of number of passes on local mechanical properties of WM and HAZ sub-zones of the API 5L X70-pipeline weld joint
	219	Billel CHENITI, Brahim BELKESSA, Bouzid MAAMACHE, Naïma OUALI, Viktor PUCHÝ, Pavol HVIZDOŠ	Interfacial evolution of WC-Co/AISI 304L diffusion bonded joint obtained by flash SPS technique
	223	Brahim BELKESSA, Naïma OUALI, Bouzid MAAMACHE, Billel CHENITI	Microstructure and mechanical properties of saf 2205/ap1 x52 steels dissimilar metal joint made by rotary friction welding
12.30-14.00	BREAK		
14.00-18.00	206	Ismail Boucherit, Hamza Hentabli and Mohamed Ould Zmirli	Improved Autoencoder Neural Network For Medical Image Denoising
	246	Teyar SOUMIA, Gheribi HASSINA, Belaadi AHMED	Influence of The Matrix Nature on The Mechanical Properties of a Composite Material From the New Zealand Flax Fiber
	340	Abdelghani Khaldi, Nadir Bouarissa, Laurent Tabourot	Electronic structure and optical characteristics of CuO and Cu ₂ O materials
	341	Hajdar SADIKU, Mazlum KAMBERI, Gazmend NAFEZI	Creep coefficient for self-compacting concrete (SCC)
	348	Abdelghani BOUCHEHAM, Ahmed Bahaeddine BENSEDIRA, Hakim KORICHI, Abbas MARREF, Chahinez NASRAOUI, Boutaleb LABDELLI, Lyes BENHERRAT and Abdelkader DJELLOUL	Investigation on mechanism formation of silver-aluminum contact on p+ emitters
	324	Kaltrine JAKUPI, Sehad KADIRI, Vladimir DUKOVSKI, Fesal SELIMI, Burim UKA, Labinot KASTRATI, Gezim HODOLLI	Controlling Electron Density in 3D Printed PLA Objects: Impact of Key Independent Parameters
	133	Fesal Selimi, Doriana Paloji, Labinot Kastrati, Gezim Hodolli, Kushtrim Dina, Brunilda Profka Haxhiu and Behar Rraci	A dosimetric comparison of 3D Conformal Radiation Therapy and VMAT techniques in the treatment of locally advanced cervical cancer
	331	Fetah Sabah, Didaoui Saadia	Structural, Electronic, Optical and Magnetic Properties of CuMnInSe ₃ compound

376	Adel MILES, Ali BOUCHOUCHA, Dris BENDJABALLAH	Design and production of a mini-turbo reactor and study of its dual-fuel (gas-hydrogen) operation
386	Imane MAYOUF, Nadjat CHELGHOUM , Melia GUESSOUM	Monitoring poly(lactic acid)/trimilitic anhydride/polyethylene terephthalate fiber biocomposites water absorption and biodegradation in soil and compost mediums
135	Noubeil Guermat, Warda Darenfad, Kamel Mirouh and Abderrahmane Herbadji	Structural, optical and electrical properties of sprayed ZnO thin film: influence of (Al and Mo)-doping
156	Brahim Dennai, Abdelhakim Benali, Rachid Khelfaoui and Abdellah Benslimane	Improving the performance of a liquid micro mixer for different viscosity values
386	Imane MAYOUF, Nadjat CHELGHOUM , Melia GUESSOUM	Monitoring poly(lactic acid)/trimilitic anhydride/polyethylene terephthalate fiber biocomposites water absorption and biodegradation in soil and compost mediums
36	Isma Bozetine, Abdelhak Cheriet, Chafia Yaddadene, Fatima Boudeffar, Lamia Talbi, Ali Mameri, Amar Manseri and Aissa Keffous	Revealing the Role of PAA Binder in Si/Carbon Composite Anode for Li-Ion Batteries
378	Zineb HAMLATI, Fadhéla OTMANE , Hanane MECHRI , Mohamed AZZAZ, Dr Moulay Tahar Sougrati	Spectroscopy Investigation and Micro-Vickers Hardness Test of Nanostructured Iron-Aluminium Formed by a Non-Equilibrium Process
110	Djilali Allou , Djamel Miroud and Sarra Djemmah	Effect of fatigue on Mechanical Behaviors of Weld Overlay ENiCrMo-3 on 25CD4 Steel Substrate Using SMAW Process
76	Abderrahmane Younes , Rachid Amraoui, Nacer Dilmi and Abderahim Abada	Influence of the annealing temperature on the magnetic and structural properties of nanostructured FeNi alloys
157	Amar Hichem, Amir Mounir, Ghodbane Hatem, Babes Badreddine and Hamouda Nouredine	Realization of a sensor based on spiral antennas for characterization
72	Abdelmalek Chergui, Farid Halet, Salima Chergui, Boubekeur Nadjemi, Ahmed Reda Yeddou and Aissa Ould-Dris	Cyanide Removal in aqueous solution by hydrogen peroxide oxidation in presence of heterogeneous catalysts
132	Hamlaoui Katib, Bouchoul Boussaha, Lamiri Leila and Khouatra Radhia	Study of the effect of 3D printing parameters on the cross-linking rate of stereolithography.
358	Bendeb Asma, Rayane Karim, Allaoui Omar	Utilizing Inverse Problem Approaches for the Determination of Interdiffusion Coefficients in Materials Science
248	Linda Djouablia, Ossama Bouazizi, Aziza zermane	Analysis of Miniaturized Circular Microstrip Antenna for 5G applications and Beyond
106	Aboussalih Amira, Tahar Zarza, Kamel Fedaoui and Lazhar Baroura	Prediction of the behavior of 304L steel under uniaxial and biaxial cyclic loading
213	Hajdar Sadiku, Mazlum Kamberi and Florim Grajčević	Creep and Shrinkage Strains for repaired Beams from Self-Compacted Concrete (SCC)
193	Goual Idriss, Gueddouda Mohamed Kamal, Goual Mohamed Sayeh and Ferhat Ahmida	THE USE OF WASTE CRUSHING STATIONS IN ROAD CONSTRUCTION
88	Prof. Ouali Mohammed and Dr. Magraoui Rabah	Design, realisation, and study of the vibration behaviour of a balancing test bench
412	Sabiha ANAS BOUSSAA, Lamia TALBI, Karima BENFADEL, Yahia OUADAH, Assia BOUKEZZATA, Djaouida ALLAM, Smain HOCINE, Ouahiba BOUCHELAGHEM, Amar MANSERI and Samira KACI	Cobalt Sulfide thin film: Preparation, Properties and Application in Photoelectrochemical Catalysis for CO2 conversion
35	Dhuratë Sylva-Hasani and Naim Sylva	PHYSICAL CHARACTERISTICS OF SOME MATERIALS USED FOR DENTAL BRACES
175	Nadia Khader and Bahdja Guerfi	Antioxidant in pharmacy
279	Houda TEBANI, Nassira KEGHOUCHE	Structural investigation of Ag2S nanoparticles fixed on Titanium Oxide

	268	Abdelghani BOUCHEHAM, Ahmed Bahaeddine BENSEDIRA, Hakim KORICHI, Abbas MARREF, Chahinez NASRAOUI, Boutaleb LABDELLI, Lyes BENHERRAT and Abdelkader DJELLOUL	INVESTIGATION ON BORON DIFFUSION FROM BSG LAYERS FOR P+ EMITTER ELABORATION
	124	Prof. Bouanik Sihem, Prof. Hadjersi Toufik and Manseri Amar	Degradation of RhB by Er-Doped TiO ₂ -Modified Silicon Nanowires as Photocatalyst
	109	Anil Erişen	Centrifugal Compressor Design For Small Scale Jet Engine

ZOOM INFO

28 October 2023-Saturday	
10:00-11:30 Dr. Feride KULALI (Chair)	Topic: ICCESEN-2023---opening ceremony + invited talks Time: Oct 28, 2023 10:00 AM Istanbul Join Zoom Meeting https://us06web.zoom.us/j/6319935466?pwd=xZbzwoXmPAdStc89Q6xgrUgnJv47Nq.1 Meeting ID: 631 993 5466 Passcode: iccesen23
29 October 2023-Sunday	
09:30-11:30 Chair: Dr. Ferie Kulali	Topic: ICCESEN-2023 (Sunday-Invite Speaker 2) Time: Oct 29, 2023 09:30 AM Istanbul Join Zoom Meeting https://us06web.zoom.us/j/6319935466?pwd=Kf1J6CqxQrMPNNTSJL9lwEHmar7Tlo.1 Meeting ID: 631 993 5466 Passcode: iccesen23
14:00-16:00 Chair: Dr. Ferie Kulali	Topic: ICCESEN-2023 (Sunday-Room 2-Online session-1) Time: Oct 29, 2023 02:00 PM Istanbul Join Zoom Meeting https://us06web.zoom.us/j/84797271107?pwd=VRD9mAKyTn7I9wswJtYr4GjOABM6JA.1 Meeting ID: 847 9727 1107 Passcode: iccesen23
16:15-18:00 Chair: Dr. Ferie Kulali	Topic: ICCESEN-2023 (Sunday-Room 2-Online session-2) Time: Oct 28, 2023 02:00 PM Istanbul Join Zoom Meeting https://us06web.zoom.us/j/82002270249?pwd=RK9jq64EckdZBsWyReoM4cMkLpujl4.1 Meeting ID: 820 0227 0249 Passcode: iccesen23