

SCIENTIFIC PROGRAMME FOR ICCESEN-2026

17 October 2026-Saturday

10.00- 11.00	Opening : Prof. Dr. Iskender AKKURT (Chair of ICCESEN-2026)—Suleyman Demirel University, Isparta / TURKEY
	Session Chair : Dr. Feride KULALI -- Uskudar University, Istanbul / TURKEY
	Invited Speaker 1: Prof.Dr.Shaaban Khalil – Zewail City of Science and Technology, Egypt “Inside CERN: Exploring the Universe at the Smallest Scales” Invited Speaker 2: Prof.Dr. Madjid FATHI – Dept. of EECS University of Siegen, GERMANY “From Prediction to Explanation: Knowledge-Driven AI, LLMs and Knowledge Graphs for Safe and Sustainable Medical Intelligence” Invited Speaker 3: Dr. Hayat ARBOUZ – University Saad Dahlab Blida 1, Department of Physics, Blida-ALGERIA “Overview of (A2BX6) Vacancy-Ordered and (A2B'B''X6) Double Perovskites, Used as Absorbers in All-Inorganic Tandem Photovoltaic Systems: from a Computational Study”
11.00- 11.30	Group Photo- BREAK

	ROOM		
11.30-12.30	Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY		
	3	Yachba KHADÏDJA, Bouamrane KARÏM	Optimal Container Placement Using the Salp Algorithm: A Novel Approach for Efficient Resource Allocation
	8	Besire CENA, Fjolla UKIQI, Erza SHALA, Adonisa SEJDIU	Environmental radioactivity in Republic of Kosovo at locations where depleted uranium was used
	60	Burim KAMISHI	Geometrization of Physics from Lagrange's Principle of Least Action to Riemannian n-Dimensional Space
	172	Serpil AKÖZCAN PEHLİVANOĞLU, Selin ÖZDEN, Osman GÜNAY	Detection and Characterization of Anthropogenic Cesium-137 in Coastal Sand Samples from Şile, Istanbul
	66	Zi-Xiao Chen , Gong-Hui Liu, Shi-Chang Li, Lin-Cong Wang, Tian Chen	Study on the fluctuation characteristics of the spherical sealing structure in the adjustment mechanism of a push-the-bit rotary steerable tool
	135	Berra Seda Kara	INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN IN RADIATION-EXPOSED HEALTHCARE FACILITIES: CONTRIBUTION OF LIGHT AND COLOR TO HEALING SPACE CREATION
	79	Atefeh AHMADNIAI KHAJEKINI , Mostafa AYOUBI MOBARHAN	A Performance analysis of Active Multi-Path TCP Schedulers in Heterogeneous Wireless Networks
12.30-14.00	LUNCH---BREAK		
14.00-16.00	80	Mostafa AYOUBI MOBARHAN , Maha WASIM KHAN, Atefeh AHMADNIAI KHAJEKINI	Comparative Security Analysis of Wi-Fi Authentication Mechanisms for IoT Networks: Insights from Formal Verification Frameworks
	82	Bahia RABEHI, Youcef GHERNOUTI, Sabria Malika Mansour, Khaled BOUMCHEDDA	Sustainable cementitious materials reinforced with plant fibers for green construction applications
	173	İskender AKKURT, Osman GÜNAY, Serpil AKÖZCAN PEHLİVANOĞLU	Evaluation of Cesium-137 Contamination in Beach Sand Samples from Kilyos Coast, Istanbul
	175	Osman Günay	Evaluation of Linear Attenuation Coefficients of Bone Tissue for Diagnostic Energy Range Photons
	83	Youcef GHERNOUTI, Bahia RABEHI, Sabria Malika Mansour	Valorization of recycled plastic bag waste fibers in eco-friendly concrete for sustainable infrastructure applications
	88	Jana A. Lipkovski, Aleksandar T. Lipkovski	What happened to school geometry in the XX century
	158	Aybike PİROL ELMAS, Feride KULALI ÖZDEK, İskender AKKURT	Comparative Earthquake Prediction Based on Machine Learning and Deep Learning Approaches Using Radon Data
	91	Nabi Ibadov	Fuzzy modeling of time reliability in construction project planning
	100	Sinan FANK , Yasin DURGUT, Abdullah HAMARAT	Experimental Re-Characterization of Legacy Dead Weight Pressure Balances Without Original Manufacturer Data
	101	Yasin DURGUT , Sinan FANK, Abdullah HAMARAT	Reconfiguration of a 500 MPa Drop-Mass Dynamic Pressure Standard for Traceable Calibration from 6 MPa to 30 MPa
	99	Fadim Filiz OZDEMIR, Ademi Fahri PIRHAN, Fazilet Zumurut BIBER MUFTULER	Determination of Antioxidant and Antimicrobial Effects of Extracts of the Endemic Allium İzmirense Pirhan Plant Growing in the Region Around İzmir Province
	145	Mehmet GÜLCAN, Farah ELBARGHATHI, Lokman ŞENER, Züleyha KAFİ, Ensar PISKIN, Suniya SHAHZAD, Ahmet CETINKAYA, Sibel A. OZKAN	First MXene-Based Molecularly Imprinted Electrochemical Sensor for Ultrasensitive Suzetrigine Detection: From Molecular Design to Analytical Application
	160	Hayat ARBOUZ	Defect-Tolerant Rb ₂ SiBr ₆ (1.65 eV) / Rb ₂ SnBr ₆ (1.21 eV) All-Inorganic Tandem Solar Cell with High Efficiency: Numerical Simulation Study

16.00-16.15	BREAK		
16.15-18.00	102	Cezary KRAŚKIEWICZ, Artur ZBICIAK, Przemysław MOSSAKOWSKI, Kacper WASILEWSK	Methodology for Vibroacoustic Verification of Tram Track Rehabilitation Program Assessment
	107	S. ANAS BOUSSAA ,S. KACİ, K. BENFADEL, A. TRAD KHODJA, M. AYACHI, Y. OUADAH ,L.TALBİ, A.BOUKEZZATA, D. ALLAM and B. HAMDOUD	Electrocatalytic Performance for Carbon Dioxide Conversion using Carbone–Bismuth Oxide Composite
	108	S. ANAS BOUSSAA ,S. KACİ, K. BENFADEL, A. TRAD KHODJA, M. AYACHI, Y. OUADAH ,L.TALBİ, A.BOUKEZZATA, D. ALLAM and B. HAMDOUDE	Electrochemical Reduction of Carbon Dioxide (CO ₂): Bismuth Oxide-Based Electrocatalyst
		Nuray KUTU, Osman GÜNAY, Serpil AKÖZCAN PEHLİVANOĞLU	Investigation of Potassium-40 Levels in Beach Sand Samples from the Anatolian Coast of Istanbul
	116	Ilir SHEHU, Avni MALSIU	Manganese Mobilization and Sediment–Water Interactions in Badovci Lake, Kosovo
	157	Aktekin Çalışkan, E., Bakış, H., Yücel, G., Bakış, V., Bilgin, E.	LAMOST Spectroscopy of Supernova Remnant SNR G178.2-4.2
	119	Avni MALSIU, Ilir SHEHU	Determination of Lead concentrations in sediment and water of Badovci lake, Kosovo
	121	Yasin DURGUT , Sinan FANK, Abdullah HAMARAT	Reconfiguration of a 500 MPa Drop-Mass Dynamic Pressure Standard for Traceable Calibration from 6 MPa to 30 MPa
	174	Hilal ÖZTÜRK, Osman GÜNAY, Serpil AKÖZCAN PEHLİVANOĞLU	Determination of Radium-226 Activity Concentration in Beach Sand Samples from Kilyos Coast, Istanbul
	122	YaJun Lei, Shiyuan Li, Jiawei Cao Chaowei Chen, Peng Tan, Xinyi Sun, Haozhen Zhang, Tengyue Zhang	Application of Net Pressure Response to Casing Deformation Risk Identification in Deep Shale Hydraulic Fracturing
	162	Armend Sh. Shabani, Edmond Aliaga, Korab Rrmoku, Manush Mustafa	Two-Colored Bargraphs with Horizontal Restrictions
	164	Armend Shabani, Valdete Rexhëbeqaj-Hamiti, Art Gjuli, Marigona Marku	Bargraph Colorings with Connected Black Cells
	132	Özlem Yazıcı, Mucize Sarihan	NURSING CARE IN PATIENTS RECEIVING CONCURRENT CHEMORADIOTHERAPY: CARE BURDEN, QUALITY OF LIFE, AND SIDE EFFECT PROFILE
	133	Mucize Sarihan, Aykut Karademir	HOLISTIC CARE IN RADIOTHERAPY: THE IMPORTANCE OF PSYCHOSOCIAL INTERVENTION PROGRAMS FOR PATIENTS AND CAREGIVERS
	134	Mehmet Naim Kara	AI-ASSISTED ENVIRONMENTAL SPATIAL DESIGN AND ARCHITECTURAL SOLUTIONS IN HIGH-RADIATION TREATMENT VAULTS
	120	Sinan FANK, Yasin DURGUT, Abdullah HAMARAT	Experimental Re-Characterization of Legacy Dead Weight Pressure Balances Without Original Manufacturer Data

18 October 2026-Sunday

Session Chair : Dr. Feride KULALI -- Uskudar University, Istanbul / TURKEY

10.00-11.00	Invited Speaker 1: Prof.Dr. Mansour Almatarneh – Imam Mohammed Ibn Saud Islamic University-Jordan “The Sustainable Scientific Research” Invited Speaker 2: Prof.Dr. Amir HUSSEIN – Edinburgh Napier University, UK “AI & XAI for new society”
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11.30-12.30	Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY		
	151	Berra Seda Kara, Işıl Dayan	ARCHITECTURAL BOUNDARIES OF RADIATION ENERGY: HEALING ENVIRONMENT DESIGN IN HIGH-TECHNOLOGY TREATMENT SPACES
	152	Aykut Karademir	DEATH ANXIETY EXPERIENCES AND COPING STRATEGIES AMONG CANCER PATIENTS UNDERGOING RADIOTHERAPY
	153	Halil Soyak, Kamran Kamal	THE IMPACT OF ARTIFICIAL INTELLIGENCE APPLICATIONS IN HEALTHCARE MANAGEMENT ON PATIENT SAFETY AND CLINICAL RISK MANAGEMENT
	154	Halil Soyak	Occupational Health and Safety Approaches to Preventing Radiation Exposure in Hospitals
	155	H.Semra İper Timlioğlu, İsmail Bal	BEYOND THE SPECTACLES: DEMOGRAPHIC PREDICTORS AND PUBLIC AWARENESS OF LOW VISION REHABILITATION AND SOCIAL CHALLENGES
	156	Mehmet KAHRAMAN, Cemal ÇARBOĞA, Mustafa Tekin TURAN	Design and Production of Pneumatic Landing Gear
12.30-14.00	LUNCH---BREAK		
14.00-16.00	136	Serhan Karakaya, Işıl Dayan	ECONOMIC SUSTAINABILITY OF SOLAR POWER GENERATION AFTER YEKDEM: AN ASSESSMENT BASED ON MARKET CONDITIONS
	137	Kamran Kamal	FROM TRADITIONAL METHODS TO ARTIFICIAL INTELLIGENCE: TRANSFORMATION, ADVANTAGES, AND CLINICAL LIMITATIONS IN RADIOTHERAPY PLANNING MANAGEMENT
	138	Halil Soyak, Mucize Sarıhan	OCCUPATIONAL RADIATION EXPOSURE IN HEALTHCARE WORKERS: A SYSTEMATIC REVIEW OF DOSIMETRIC RISKS, PROTECTIVE MEASURES, AND ORGANIZATIONAL FACTORS.
	139	Rafet Ertekin	ARTIFICIAL INTELLIGENCE AND SUSTAINABILITY IN AVIATION
	140	Mucize Sarıhan, Menşure Canpolat	THE IMPACT OF OCCUPATIONAL HEALTH AND SAFETY CULTURE ON HOSPITAL MANAGEMENT CLIMATE: A STRATEGIC APPROACH
	141	Berra Seda Kara, Mehmet Naim Kara	AI-ASSISTED INTERIOR SPATIAL AND WORKFLOW DESIGN IN RADIOTHERAPY CENTERS: AN EVALUATION FROM RADIATION SAFETY AND ERGONOMIC PERSPECTIVES
	170	Nuray KUTU, İskender AKKURT, Osman GÜNAY	Effective Atomic Number Determination of Human Bone Tissue and Its Energy Dependence
	171	İskender AKKURT, Osman GÜNAY	Determination of Mean Free Path of Photons in Human Bone: A Theoretical Investigation
	146	Aykut KARADEMİR	DEATH ANXIETY EXPERIENCES AND COPING STRATEGIES AMONG CANCER PATIENTS UNDERGOING RADIOTHERAPY

	147	Serhan KARAKAYA, Işıl BİLGİÇ	ECONOMIC SUSTAINABILITY OF SOLAR POWER GENERATION AFTER YEKDEM: AN ASSESSMENT BASED ON MARKET CONDITIONS
	148	Sara RAMDOUM	Numerical Simulation of the Effect of Stresses in an Ep/C Laminated Composite: Hashin Criterion.
	149	Hümbet Ahmedov	DESCRIPTION OF SEQUENTIAL TIME DEPENDENT FOUR STEP OXYGENATION OF HEMOGLOBIN
	150	Mucize Sarihan, Rafet Ertekin	OPERATIONAL MANAGEMENT IN AIR AMBULANCE AND MEDICAL EVACUATION SERVICES: AN INTEGRATED DISCIPLINE OF AVIATION AND HEALTHCARE MANAGEMENT
16.00-16.15	BREAK		
16.15-18.00	130	Osman GÜNAY, Serpil AKÖZCAN PEHLİVANOĞLU	Assessment of Thorium-Based Natural Radioactivity in Coastal Sand Samples from the European Shores of Istanbul
	131	Mucize Sarihan	RADIOTHERAPY SERVICE MANAGEMENT IN THE AXIS OF HEALTHCARE 4.0: THE IMPACT OF ARTIFICIAL INTELLIGENCE ON PATIENT FLOW AND SAFETY CULTURE
	144	Ulviye Bunyatova; Melike Irem Mehter; Kubra Erkan Turkmen ; Ebru Erdal; Dilira Salamova ; Adnan Berk Dinçsoy ; Yasemin Sezgin	Engineered Biocompatible AgNP-Based Antimicrobial Surface for Visible-Light-Responsive Healthcare Applications
	163	İskender Akkurt	Neutron Flux (NF) for some materials
	167	Eren Urtekin	Tenth Value Layer (TVL) for neutron shielding
	165	Serpil Emikönel	Variation of Neutron Attenuation Rate (NAR) with distance
	159	İskender Akkurt	Macroscopic Cross section of $0.1991\text{Ba}+0.0174\text{Ti}+0.4466\text{O}+0.3369\text{P}$
	166	İskender Akkurt	Neutron Attenuation Rate (NAR) at 0.01 cm
	106	Abdelkrim KHELOUFI , Fouad KERKAR, Ema BOBOCİOIU, Sabiha ANAS BOUSSAA, Abdessalam HAZMOUNE, Abderrahmane NAAS	Algerian Silica behavior at High Temperature intended for Carbothermic Process
	161	İskender Akkurt	Mean Free Path (MFP) Ba+Ti+O+P materials
	105	Abdelkrim KHELOUFI , Fouad KERKAR, Ema BOBOCİOIU, Sabiha ANAS BOUSSAA, Abdessalam HAZMOUNE, Abderrahmane NAAS	Quartz enrichment from Timimoune deposit (Algeria) intended for high tech technologies
	108	İskender Akkurt, Nurdan Karpuz	

ONLINE

11.30-13.30	Session Chair : Prof.Dr. Osman GUNAY- Yıldız Technical University, Istanbul / TURKEY		
	86	Chaker Mohsen SALEH, Fethi REDJEM, Djamel SEFFAI, Basma Aissous, ELHADJ DAHI, Djamel BENSALFIEDDINE and Mouloud BOUZOUAD	Specific Absorption Rate-Based Ultra-Wideband Antenna for Breast Cancer Detection
	92	Erhan KARA, Şadiye M. ÇAKMAK, Serdar ÜNLÜ	Charge-Exchange Spin-Dipole Sum Rules and Neutron Skin-Thicknesses
	93	Erhan KARA and Serdar ÜNLÜ	A Self-Consistent Explanation of Charge-Exchange Spin-Dipole Strength Distributions
	97	Emre TAŞAR, Çağrı ÇELİK, Arif Mert KILIÇ	Development of a Semi-Autonomous Robotic System for Bulb Flat Assembly in the Shipbuilding Industry

	98	Cem Kaçar, Çağrı ÇELİK	Improvement of Dynamic Stability in Stiffener Mounting Portal Machine Structure through Modal Analysis – Based Design Revision
	117	Hafidha SEBBAGH	A Time-Map Approach to Multiplicity of Positive Solutions for Semipositone p-Laplacian Neumann Problems, with a Radiolytic Interpretation
	115	Orhan AKYÜZ, İsmail KIYICI	Bakır Tel Üretiminde Risk-Duyarlı ve Veri Mahremiyetini Gözetten Yapay Zekâ Tabanlı Metodoloji ve Uygulama Platformu
	99	Fadim Filiz OZDEMİR, Ademi Fahri PIRHAN, Fazilet Zumurut BIBER MUFTULER	Determination of Antioxidant and Antimicrobial Effects of Extracts of the Endemic Allium İzmirensis Pirhan Plant Growing in the Region Around İzmir Province

ZOOM INFO

18 October 2026-Sunday

11:30-12:10 Chair: Dr. Osman	Topic: ICCESN-2026 (Sunday-Online session) Time: Oct 18, 2026 11:30 AM Istanbul Join Zoom Meeting https://us04web.zoom.us/j/6139880183?pwd=cmgwVUNHcm9EWWdKcjZNR05Zc3hTZz09&omn=75957431609 Meeting ID: 6139880183 Passcode: osman
12:30-13:10	Topic: ICCESN-2026 (Sunday-Online session) Time: Oct 18, 2026 12:30 Istanbul Join Zoom Meeting

	https://us04web.zoom.us/j/6139880183?pwd=cmgwVUNHcm9EWWdKcjZNR05Zc3hTZz09&omn=72075274400 Meeting ID: 6139880183 Passcode: osman
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POSTERS

17 October 2026-Saturday

Session Chair : Dr. Mucize SARIHAN – İstanbul Okan University, İstanbul –TURKIYE		
7	Huapeng Wu, Binbin Diao, Deli Gao, Zhe Liu, Guanxiang Ding , Guangyan Kang	Influence of downhole electrode position on active magnetic ranging technology in relief wells
19	HACENE AMEDDAH, HAMZA BENNACEUR, KARIM ARAR	Comparative Analysis of Strut-Based and TPMS Lattice Structures for Trabecular Bone Scaffolds: A Computational Study on Morphology, Mechanics, and Manufacturing Robustness
20	Hamza BENNACEUR, Hacene AMEDDAH, Karim ARAR	Comparative Analysis of Ti-6Al-4V Bone Scaffolds Manufactured via Additive Manufacturing: Biomechanical Evaluation and Optimization through Functionally Graded Structures
24	Shuozhang Wen , Yanbin Wang, Deli Gao	Mechanical Analysis of the Casing–Cement Sheath Composite System for Thermal Recovery Wells Based on a Transient Temperature Field
25	Festim Kutllovci, Nazmi Hasi	Geophysical research in order to minimize seismic risk
28	SAHLI HIND SARAH, FRIGAA ISSAM	COMPOUND HETEROZYGOSITY INVOLVING HEMOGLOBINOPATHY ASSOCIATIONS: A REPORT OF FOUR FAMILY STUDIES
41	Ming-Chi Zhu, Wen-Jun Huang, De-Li Gao, Jin-Cheng Huang, Yan-Zhao Chen	Research on Drilling Trajectory Prediction for Dynamic Point-the-Bit Rotary Steerable Systems Based on Drilling Parameters
43	A. Aissat , Assia Bourelaf, M.A. Madani, S. Dupont	Analysis and enhancement of the efficiency of quantum dot solar cells
44	Brahim DENNAI	Study of Hydrodynamic Instability in Liquid Flow Using a Micro-Oscillator
45	Asma ABDENBI	Drying Impact on Aqueous Extraction Performance of Atlantic Pistachio (Pistacia atlantica)
47	Astrit SHALA, Latif HASI	Geomechanical model of the location based on the speed of propagation of seismic waves
51	Jincheng Huang, Wenjun Huang, Deli Gao, Yanzhao Chen, and Hengbo Wang	Toolface Control Modeling for a Dynamic Point-the-Bit Rotary Steerable System under Stick-Slip Vibration

10.00-12.30	52	Jia-Hui Li , Wen-Jun Huang, De-Li Gao, Zhong-Xuan Yang	Failure Mechanisms of Casing Deformation in Compound Salt-Gypsum Formations of Ultra-Deep Wells
	62	Hind GUEMMOUR, Khaoula LAYACHI and Djaffar KHEFFACHE	Development and Characterization of a Novel Unsaturated Polyester Resin for Advanced Applications
	63	Zohra BENSAAID-OUZNADJI, Khaoula BOULANEB, Fatiha ATMANI, Amel HAMADI, Hiba KAIS	Removal of Tebuconazole from Aqueous Solution by Adsorption onto Sugar Industry Waste: Kinetic and Isotherm Studies
	64	Sara RAMDOUM , Abdessabor BENAMOR, Mohamed HADJI, Loubna ELKINAI	Effect of PMMA aging and the influence of adding MAX reinforcement (Ti2AlC) on its mechanical behavior: Experimental study
	65	Guanxiang Ding , Binbin Diao, Guangyan Kang	Numerical Evaluation of Current Excitation Configurations for Detecting Shear-Dislocated Casing Using Active Magnetic Ranging
	67	Zhonglin Ma, Ronghao Zhou, Jiacheng Dai, Shouceng Tian	Multi-Well Hydrogen-Geothermal Co-Production in Fractured Peridotite: Well Pattern and Injection Rate Optimization
	68	Ronghao Zhou, Zhonglin Ma, Jiacheng Dai, Shouceng Tian	Molecular insights into pressure-driven natural hydrogen flow in olivine nanopores
	69	Huapeng Wu , Binbin Diao, Deli Gao, Zhe Liu, Guanxiang Ding, Guangyan Kang	Magnetic Response of Nonmagnetic Tubulars in RMRS Measurements
	70	Huapeng Wu, Binbin Diao, Deli Gao, Zhe Liu, Guanxiang Ding, Guangyan Kang	Magnetic Field Distribution Around Casing Strings Considering Casing Coupling Effects
	84	Fayçal BOUZID, Ammar HABOUSSI, Farid BETTINE, Sofiane AHMED SISTA, Hichem AMAR	Numerical Investigation of Heat Transfer Dynamics in Laser Additive Manufacturing of Ti6Al4V and AlSi10Mg Alloys
	89	Fesal SELIMI , Brunilda PROFKA HAXHIU, Doriana PALOJI, Besnik Saramati, Ajtene Dallku Shefkiu, Afrim Imeri, Egzona Llumnica	Impact of Radiation Beam Energy on the Quality of VMAT Plans for Prostate Cancer: A Comparison of 6 MV, 10 MV, and 6 MV FFF
	94	Zhong-Kai Jiang, Wen-Jun Huang, De-Li Gao, Jin-Cheng Huang, Yong-Wei Liu	Nonlinear Dynamic Characteristics of the Drill String in Irregular Wellbores
	95	Issam FOURAR, Farouk LAIDOUZI, Kamel CHADI	Numerical Optimization and Fabrication Challenges of a Micromixer via Digital Light Processing 3D Printing
	96	Xinyu Wang, Deli Gao, Wei Liu	Chip Size Characteristics and Rock-Breaking Mechanical Behaviors of Shaped PDC Cutters
	104	Krimo AZOUAOUI, Youcef HADJ MIHOUB SIDI MOUSSA, Said MOUHOUBI	Effect of Water Aging and Drying on the Low-Velocity Multiple Impacts Behavior of Flax/Epoxy Composites
	109	Amel MESSAI, Chahaoui Oualid, Khemissi Saadedine, Brinis Naoel, Hafidi Radia	Synthesis, caraterisation DFT calculation of nitrogen heterocyclic compounds
	110	Abdelhamid MILOUDI	Automated Bearing Fault Detection and Classification Through Supervised Learning : A comparative Study of XGBoost, 1D CNN, and KNN
	111	Fatma Zohra BENACHOUR, Nourdine OUALI, Nawal Siham ADAMOU DOUMI	INFLUENCE OF THERMOMECHANICAL WELDING PARAMETERS ON THE RELIABILITY OF HDPE100 PIPES.
	112	KACEL Tawous, SELLAM Mohamed, DAOUD Ismail , KACEL Tinhinane	Structural, microstructural and mechanical characterization nanostructured NiAlCrCo alloy produced by mechanical alloying and hot pressing
	113	Besnik SARAMATI, Burim UKA, Fesal SELIMI, Afrim IMERI, Ajtene DALLKU SHEFKIU, Egzona LLUMNICA, Ilir KURTISHI, Gëzim HODOLLI	Dosimetric Validation and Quality Assurance Framework for Patient-Specific 3D-Printed Vaginal Applicators in HDR Gynecological Brachytherapy
	114	Besnik SARAMATI, Burim UKA, Ilir KURTISHI, Fesal SELIMI	Technology-Enhanced Simulation in Ionizing-Radiation Physics and Brachytherapy Education: Microcontrollers, VR/AR, and Low-Cost 3D-Printed Phantoms - An Updated Review
	124	Minghao SHI, Huaizhong SHI, Chao XIONG, Wenhao He	Interface Evolution and Quantitative Characterization of Displacement Flow in Horizontal Narrow-Gap Eccentric Annuli
	126	Ibrahim DEVELI, Hussam ALSALAMEH	Bit Error Rate Performance of OTFS Index Modulation under Multi-Type Jamming
	127	Ibrahim DEVELI, Hussam ALSALAMEH	BER Performance of OFDM-IM under Different Jamming Types over Generalized Fading Channels

	90	Qishan Zheng , Wenjun Huang, Deli Gao	Study on Casing Running Limit and Control Methods under Complex Borehole Condition
	129	Sid Ali BOUBENDIR, Kamel DJENDER, Maamer MALKI	Textures effect on the performance of lubricated inclined slider bearing