

SCIENTIFIC PROGRAMME FOR ICSUSAT-2020

ORAL PRESENTATIONS

25 September 2020-Friday

10.30-12.30	Opening : Prof. Dr. Iskender AKKURT (Chair of ICSuSaT-2020)—Suleyman Demirel University, Isparta / TURKEY					
	Session Chair : Dr. Feride KULALI -- Uskudar University, Istanbul / TURKEY					
	Invited Speaker 1: Prof.Dr. Mansour H. ALMATARNEH --University of Jordan, Chemistry Department, Amman-JORDAN “Computational Mechanistic Study of Criegee Intermediate Reaction with Methane” Invited Speaker 2: Prof.Dr. Zakaria BOUMERZOUG-- University of Biskra, ALGERIA “Welding of dissimilar materials Case study : Metals with ceramic” Invited Speaker 3: Dr. Abdeen Mustafa Omer -- Energy Research Institute (ERI) Nottingham, UK “Sustainable Development in Green Energies and the Environment” Invited Speaker 4: Dr. Sunny J. KALAYATHANKAL -- K.E.College, Mannanam, Kerala, -INDIA “Fuzzy Modeling and Decision Making Applications in the Real World”					
12.30-14.00	LUNCH					
	ZOOM-1 Session Chair : Dr. Feride KULALI -- Uskudar University, Istanbul / TURKEY			ZOOM-2 Session Chair : Dr. Miraç KAMIŞLIOĞLU - Balıkesir University, Balıkesir / TURKEY		
14.00-15.40	Abstract #	Authors	Title	Abstract #	Authors	Title
	118	Amel Hamdani , Nawel Kheroufi, Hanane Kroini and Nouredine Soltani <i>Badji Mokhtar University-Algeria</i>	Impact of Acute Toxicity of Cadmium on reproduction period of <i>Donax trunculus</i> : Variation of vitellin quality	238	Bouras MOUNİR , Dermeche NASSİM1 , Ahmed KAHLOUCHE- <i>University of M'sila, BP .166, Route Ichebilia, M'sila, Algeria.</i>	Modeling of photonic band gap in 1D magneto-photonic crystals made by SiO ₂ /ZrO ₂ or SiO ₂ /TiO ₂ doped with magnetic nanoparticles
	225	Tolga Ozcan , Ilyas Kartal and Mustafa Dogu <i>Marmara Univ. Istanbul-Turkey</i>	Alev geciktirici Katkı İçeren Polipropilen Kompozitlerin Mekanik Özelliklerinin İncelenmesi.	243	Alper ÖZSEVEN <i>Suleyman Demirel Univ. Isparta-Turkey</i>	Evaluation of fluence smoothening on treatment plan in intensity modulated radiation therapy
	188	Canberk Özgün, Filiz Bal Koçyiğit and Cihan Turhan <i>Ankara Atılım Univ. Atılım-Turkey</i>	Comparative study of HVAC System Strategies for an Educational Building	229	Tolga ÖZCAN , İlyas KARTAL, Mustafa DOĞU <i>Marmara Univ., Istanbul-Turkey</i>	Alev Geciktirici Katkı İçeren Polipropilen Kompozitlerin Karakterizasyonu ve Yanma Özelliklerinin İncelenmesi
	191	Kubilay Demir <i>Bitlis Eren University-Bitlis-Turkey</i>	Clarifying Some Misinterpretation about Industry 4.0	200	Mirac Kamislioglu <i>Bandırma Onyedi Eylül Univ.Bandırma-Turkey</i>	Nuclear Radiation Shielding Parameters Calculations for Different Antimony Oxide (Sb ₂ O ₃) Content
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101	Jelena Lubura , Dr. Predrag Kojić, Dr. Jelena Pavličević, Dr. Bojana Ikončić and Dr. Oskar Bera <i>University of Novi Sad-Serbia</i>	Determination of the influence of silica (IV) oxide nanoparticles on the thermal properties of rubber products	239	Faez WAHEED , Kadir GÜNOĞLU, Hakan AKYILDIRIM, İskender AKKURT <i>Suleyman Demirel Univ. Isparta-Turkey</i>	Response Function of 3" x 3" NaI(Tl) scintillation for Cobalt (⁶⁰ Co) Isotropic source
31	Hayat Arbouz <i>University of Blida 1-Algeria</i>	Modeling of a tandem solar cell structure based on CZTS and CZTSe absorber materials	240	Faez WAHEED , Hakan AKYILDIRIM, Kadir GÜNOĞLU, İskender AKKURT <i>Suleyman Demirel Univ. Isparta-Turkey</i>	FLUKA Plotting of gamma-Ray Distribution outside Geometry
237	Sabiha ANAS BOUSSAA , Abdelhak BENKRIDI , Messaouda AYACHI, Naima ZAOURAR BOUTAREK, Abdessalam HAZMOUNE, Mouhoub BIRANE-- <i>CRTSE-Algeria</i>	Determination of chemical, morphological and mechanical properties of silicon nitride coating applied on silica crucible for silicon production.	245	Kadir GÜNOĞLU, Osman GÜNAY , İskender AKKURT-- <i>Okan Univ. Isparta-Turkey</i>	Radium-226 activity concentration in some beach sands in Istanbul: Alacalı beach
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15.40-16.00

BREAK

ZOOM-1 Session Chair : Dr.Abdelmadjid RECIQUI - University of Boumerdes / ALGERIA			ZOOM-2 Session Chair : Dr. Sabiha ANAS-- CRTSE / ALGERIA		
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220	Doğuş Karaoğlan and Osman Yıldırım <i>Istanbul Arel Un. Istanbul-Turkey</i>	Exploring the Effects of Technological Addictions on Industry 4.0 Awareness	231	Noor M. Asmael <i>Mustansiriyah University, Baghdad, Iraq.</i>	Exploring the Cracking and Healing Behavior of the Thin Asphalt Overlay
216	Emrah İdman and Prof. Dr. Osman Yıldırım <i>Istanbul Arel Univ., Istanbul-Turkey</i>	Data Analysis with R in Photovoltaic Systems	34	Leila Mallem , Narimène Bouabdallah, Amel Chouabia and Cherif Abdennour <i>Faculty of Meebine Annabac-Algeria</i>	The effect of subchronic exposure to the mixture of pesticides on male reproductive function in the rat
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221	Sunay Batitürk and Osman Yıldırım <i>Istanbul Kent Un. Istanbul-Turkey</i>	Content Analysis of Occupational Health and Safety Practices in Agriculture	100	Nurettin Yiğit Kitiş , Emre Uğur Bal and Cihan Turhan <i>Ankara Atılım Univ., Ankara-Turkey</i>	A Hybrid molten salt dependent domestic hot water system for smart building applications using solar
224	Neslihan Şeran and Osman Yıldırım <i>Istanbul Kent Un. Istanbul-Turkey</i>	Investigation of Green Building Certification by Content Analysis	108	Amira Lakhdara , Tahar Bahi and Abdelkrim Moussaoui- 8 May 1945 <i>Guelma University-Algeria</i>	Performance Analysis of Powers Management of Hybrid System
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241	Seher Arslankaya <i>Sakarya Univrsity-Sakarya-Turkey</i>	Assembly Line Balancing Problem with Ranked Positional Weighted Method in a Shower Cabin Factory	198	Hadi Al-Baidhani , Kadir GÜNOĞLU, İskender AKKURT <i>Suleyman Demirel Univ. Isparta-Turkey</i>	Relationship of soil terrestrial radionuclide concentrations from Basra oil field and the gonadal dose equivalent
244	Seher Arslankaya <i>Sakarya Univrsity-Sakarya-Turkey</i>	Predicting Hepatitis Patients with Artificial Neural Networks	228	Mohammed A.ABDULFAH <i>Ankara Yıldırım Beyazıt Univ. ,Ankara, Turkey</i>	Single-Phase Asynchronous motor using solar water pump
227	Fatih BALKI , Mustafa Hilmi TANIŞ, Süleyman EKEN-- <i>Kocaeli Univ. Kocaeli-Turkey</i>	Tedarikçiye Otomatik Sipariş Sisteminin Geliştirilmesi			

26 September 2020-Saturday

Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY					
10.00-11.30	Invited Speaker 5: Dr. C. Menaka -- Bengaluru Bangalore University-INDIA "Recent Trends in Cloud Computing and its Applications" Invited Speaker 6: Prof.Dr. Ahmad UMAR -- Najran University-SAUDI ARABIA "New Trend materials for semi-conductor Technology"				
11.30-11.45	BREAK				
ZOOM-1 Session Chair : Dr. Alper OZSEVEN —Süleyman Demirel University, Isparta / TURKEY					
ZOOM-2 Session Chair : Dr. Osman GUNAY- Okan University, Istanbul / TURKEY					
Abstract #	Authors	Title	Abstract #	Authors	Title
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40	Elmeliani M'Hammed , Djafri Fatiha and Djafri Ayada-- <i>University oran1-Algeria</i>	The Reaction of Aza Michael catalyzed by H-ZSM-5 under solvent-free conditions	183	Benouatas Assia , Boudjada Ali and Minnel Jean <i>Universités Frères Mentouri, Constantine-Algeria</i>	Characterization and crystal structure biological activity of pentachlorotoluene
102	Ben Khadda Ben Ammar and Bouzidi Mezghiche <i>UNIVERSITY BISKRA-Algeria</i>	Effect of curing type on accelerated carbonation and compressive strength of precast concrete	185	Chemseddine Zekkaoui, Tarek Berrama , et al. <i>University of science and technology houari boumediene-Algeria</i>	Optimization of Fenton process to degrade an emerging pollutant: Application of Doehlert design
125	Farida Kaouah , Chahida Oussalah, Salim Boumaza and Mohamed Trari <i>USTHB-Algeria</i>	Sunlight active coupled zinc-iron oxide nanocomposite synthesized via solution combustion for the degradation of bisphenol A	195	Yahia Saadaoui , Boubakeur Zegnini, Tahar Seghier and Abdelkader Bouderbala <i>Amar Telidji University,Laghouat, Electrical Engineering Department, Laghouat-Algeria</i>	Application Of Diffusive Representation In The Analysis Of Dielectric Relaxation Spectra In The Case Of Organic Dielectrics (Cole-Cole Relaxation Model)
177	Nouredine Hadidi , Redha Rebhi and Sarah Besnilakhal- <i>University Yahia Feres of MEDEA-Algeria</i>	Effect Of The Thickness Of Porous Medium On Heat And Mass Transfer Natural Convection In Horizontal Partially Porous Enclosure	201	Lakhdar Azzouz and Mohamed Bachar <i>Laghouat University-Algeria</i>	Performances of stabilized earth brick with cork aggregates
197	Mama Bouchaour , Malika Boujemaa and Laarej Merad- <i>Tlemcen University-Algeria</i>	Comparative study on Si and ZnO based solar cells using SCAPS-1D program tool	202	Lakhdar Azzouz and Mohamed Bachar <i>Laghouat University-Algeria</i>	Mechanical and thermal Performances of stabilized earth brick with cork aggregates
3	Benabdallah Ali and Boughari Nour El Houda <i>Superior School of Management –Tlemcen (ESMT)-Algeria</i>	Application of deep learning for extraction of terms and semantic relations from Arabic te	205	Lidia Zakowska and Zofia Bryniarska <i>Cracow University of Technology-Poland</i>	Perception of Gender Equality at Polish Technical University – Experiences from GEECCO H2020 project
5	Abdeen Omeer <i>Energy Research Institute (ERI), Nottingham-UK</i>	Sustainable Development in Green Energies and the Environment	210	Thair Khayyun and Mustafa Sharif <i>University of Technology-Iraq</i>	Modeling of Groundwater Quality of Tigris River Reach in Baghdad-Iraq Using Groundwater Modeling System Software
17	Mohammad Babul Hasan <i>Department of Mathematics University of Dhaka-Bangladesh</i>	Analysis of Optimization Techniques for Weapon's Assignment and Stochastic Programming Problem	219	Mouhoub Birane , Nawal Taleb and Sabiha Anas Boussaa. <i>CRTSE-Algeria</i>	A Study Simulation and Evaluation of Shading Effect on GPV Connection with Different DC-DC Converter Topologies for Photovoltaic Power System.
13.25-14.00	LUNCH				
ZOOM-1 Session Chair : Dr. Feride KULALI-- Uskudar University, Istanbul / TURKEY					
ZOOM-2 Session Chair : Dr. Miraç KAMIŞLIOĞLU- Balıkesir University, Balıkesir / TURKEY					
Abstract #	Authors	Title	Abstract #	Authors	Title
107	Mira Filali , Amar Nrchnech, Brahim Meziani and Hamid Gadouri <i>University of Khemis Miliana-Algeria</i>	Landslides investigation using geotechnical data and electrical resistivity tomography (ERT): a case study in south west of Algiers	226	Mohammed Tsebia and Hamid Bentarzi <i>UMBB University, Boumerdes-Algeria</i>	Study of Sub-Synchronous Torsional Interaction Using Phasors Measurement Unit

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66	Soumeiya Krinat , Ahmed Nouasri, Hafidha Metidji, Aicha Ksouri, Chafia Tigrine and Tahar Dob--- <i>ENS-Kouba, Algiers-Algeria</i>	Allelopathic Potential Of Essential Oils From Algerian Citrus	232	Hanan Lamraoui , Kacem Mansouri, Rachid Saci <i>University of Boumerdes, Algeria</i>	Numerical investigation on fluid dynamic and thermal behavior of a nanofluid flow in a confined turbulent impinging slot jet
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72	Rima Derradji and Rachida Hamzi <i>University of batna2-Algeria</i>	Process-risk optimisation and control loop using DMAIC methodology	235	Chaib SAKINA , ouali KHEIREDDINE, trea FOUZIA ,louahem SOUMAIA,chaib BELGACEM-- <i>Badji Mokhtar University, Biology Department, Annaba-ALGERIA.</i>	Cytoprotective effect of melatonin on gonadal toxicity induced by local linuron herbicide in wistar rats.
78	Chahrazad Guernah , Dahmane Dahmane and Fatiha Malki <i>ENS Kouba-Algeria</i>	Total Phenolic Content And Antioxidant Activity Of Anagallis monelli L. from Algeria	236	Chaib SAKINA , ouali KHEIREDDINE, trea FOUZIA ,louahem SOUMAIA,chaib BELGACEM-- <i>Badji Mokhtar University, Biology Department, Annaba-ALGERIA.</i>	Involvement of free radicals in breast cancer development in rats: protective effect of luteolin.
230	Behar Raci, Ilir Ahmetgjekaj, Nagip Elshani, MELEQ BAHTIJARI, Bashkim Ziberi, Vildana Goga-Cmega, Ilir Kurtishi, Gazmend NAFEZI <i>Uni. Clinical Center of Kosovo, Prishtina-KOSOVO</i>	Menaging patients with cancer during pandemic situation in Kosovo	99	Ahmed Boucherit , Hamida Mohamed Haliba and Rayhana Hadjeb-Djellab <i>University Saad Dahlab of Blida-Algeria</i>	Solvent extraction of molybdenum by Shiff base under microwave irradiation
90	Zine Kechrid and Imen Tebboub <i>Department of Biochemistry, University of Annaba, Algeria</i>	Effect of Ginger and curcuma on zinc, lipid profile and antioxidants levels in blood and tissue of streptozotocin-induced diabetic rats fed zinc deficiency diet	164	Abderrahmane Boumezbeur <i>University of Tebessa-Algeria</i>	Stability assessment of Djebel Onk open pit phosphate mine using SMR and limit equilibrium methods, Bir El Ater, Tebessa, Algeria
91	Dr Badredine Issaadi <i>University of Boumerdes, Boumerdes-Algeria</i>	Perturbation bounds for discrete-time Markov chains	149	Abderrahim Bellifa , Khedidja Boudadi and Madani Ghelamallah <i>LMAE, University of Mascara</i>	M-doped pilared clay for VOCs total oxidation
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CLOSING					

POSTER PRESENTATIONS

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75	Amel Chouabia , Leila Mallem and Narimene Bouabdallah	University of Badji Mokhtar-Algeria	Study of The harmful effects of cypermethrin on the histology of certain organs and the preventive evaluation of by the plant "Salvia officinalis" in the wistar rat.
184	Karima Benfadel , Samira Kaci and Fahim Hamidouche	CRTSE-Algeria	Effect of the percentage of 3C-SiC nanoparticles on the properties of a solar cell
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160	Soudad Touazi , Naila Allache, Naila Lassouani, Nadia Zaidi and Laïd Makhoulfi	National Polytechnic School of Algiers-Algeria	Olive leaf extract as a green corrosion inhibitor for steel in HCl medium
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10	Ghouas Halima and Haddou Boumediene	Ecole supérieure en Génie Electrique et Energétique D'Oran ESGEEO Algérie.	Elimination of Humic acid by Cloud Point Extraction: Investigation of direct and back processes
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76	Samira Ziane , Imen Feddal, Fatiha Bessaha, Nouria Mahrez and Amine Khelifa	Mostaganem university-Algeria	TEXTILE DYE REMOVAL FROM BINARY SYSTEM USING ALGERIAN DOLOMITE: EQUILIBRIUM AND THERMODYNAMIC STUDIES
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39	Nadia Ziani, Khadida Amirat, Lynda Dib and Latifa Tairi	CRTI-Algeria	Estimation and modeling of bioaccumulation factor for a set of Polychlorinated biphenyls (PCBs): a QSPR study
9	Ghouas Halima and Haddou Boumediene	-Ecole supérieure en Génie Electrique et Energétique D'Oran ESGEEO Algérie. -Algeria	Elimination of organic compounds by Cloud Point Extraction: Investigation of direct and back processes
141	Faiza Benaïssa and Hamida Maachou	University of Medea-Algeria	Removal of synthetic dyes from wastewaters using biomaterial
106	Latifa Tairi, Djamel Berdjane, Badreddine Maalem, Samira Djemili, Wahiba Alem and Nadia Ziani	CRTI-Algeria	Identification of the hot rolling mill scale, cast iron slags and their valorization