

# **SCIENTIFIC PROGRAMME OF ICSUSAT-2019**

**05 July 2019-Friday**

<b>10.00-19.30</b>	<b>REGISTRATION-CHECK IN</b>
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# 06 July 2019-Saturday

10.00-10.15	<b>Side Hall: Opening Ceremony</b>			
10.15-11.45	<b>Session Chair : Prof.Dr. Ahmad UMAR</b>			
	<b>Invited Speaker 1:</b> Dr. M Arslan Shehzad -- Institute of Electronics and Nanotechnology, Georgia Institute of Technology, Atlanta, Georgia 30332-USA “Romance of 2D materials with group IV”			
	<b>Invited Speaker 2:</b> Prof.Dr. SIWAPORN M. SMITH--- Mahidol University-THAILAND “Removal of dye from water using copper containing layered hydroxide materials: adsorption or catalytic oxidation?”			
	<b>Invited Speaker 3:</b> Doç.Dr. Hüseyin Ozan TEKİN-- Uskudar University, Istanbul / TURKEY “Basics of Monte Carlo simulations on nuclear shielding studies and materials science applications”			
11.45-12.00	<b>Group Photo and COFFE BREAK (Poster Session)</b>			
12.00-13.45	<b>LUNCH (Poster Session)</b>			
13.45-15.00	<b>Session Chair : Doç.Dr. Hüseyin Tekin OZAN</b>			
	<b>Invited Speaker 4:</b> Assoc. Prof. Jirada Singkhonrat --- Thammasat University- THAILAND “Graphene oxide and polymer latex on cement composite performance”			
	<b>Invited Speaker 5:</b> Prof.Dr. Mansour H. ALMATARNEH --University of Jordan, Chemistry Department, Amman-JORDAN“Computational Study of the Spontaneous DNA Mutations”			
	<b>Invited Speaker 6:</b> Prof. Dr. Ahmad UMAR --- Najran University, Kingdom of SAUDI ARABIA “Nanomaterials for semi-conductor Technology”			
15.00-15.15	<b>COFFE BREAK (Poster Session)</b>			
	<b>Side Hall</b>		<b>Alanya Hall</b>	
	<b>Abstract #</b>	<b>Session Chair : Dr. Sabiha Anas Boussaa</b>	<b>Abstract #</b>	<b>Session Chair : Dr. Miljko Sataric</b>
	3	<b>Osman Günay</b> ““Measurement of <sup>137</sup> Cs concentrations in Sultanbeyli-Istanbul”	32	M. Kalimoldayev, <b>Anarbay Kudaykulov</b> , A.Tashev, M Аршидинова and K. Begaliyeva “Numerical study of the thermomechanical state of a rod of variable cross section in presence of local heat sources.”
	4	<b>Osman Günay</b> and S. Aközcan “Determination of <sup>137</sup> Cs Concentrations in Pendik District of Istanbul”	37	<b>Abdul Rahman Vakili</b> “Unified Server Systems for University IT Centers in Afghanistan”
	48	<b>Farhan Abdel Fattah</b> , Fadel Altamimi, Khalid Farhan and Feras Al-Tarawneh “Machine Learning and Data Mining Methods in Ad Hoc Network Intrusion Detection Systems”	59	<b>Boutheina Makhoulouf</b> and Prof Boudjama Hamada “Molten (NaCl-AlCl <sub>3</sub> ) is promising naphtha octane number”
	52	<b>Alper Özseven</b> and İskender Akkurt “Determination of gross alpha and beta activity levels in Isparta-Eğirdir Lake”	78	<b>Res. Asst. Ismail Kaya</b> , Res. Asst. Vildan Girišta and Asst. Prof. Zeynep Parlar “Investigation of Mechanical Seals Under Polluted Environmental Operating Conditions”
15.15-17.15	118	<b>Alper Özseven</b> , İskender Akkurt, Kadir Günoğlu “Radiological dose assesment due to gamma rays in some Sediments”	91	<b>Boufera Fatma</b> , Tenni Ali and Zeghilet Azeddine “Fuzzy System Optimization by Simulated Annealing Method for Mobile Robot Navigation”
	55	<b>Youness El Yazidi</b> “A comparison of a gradient based method and the differential evolution for shape identification problem”	97	<b>Benalia Kouini</b> and Amina Hachaichi “Synthesis and Characterisation of different blends of virgin and recycled polyethylene modified by naturel fibres Alfa”
	123	<b>Fatima-Ezzahrae Abid</b> “Linearizable Lie rack structures”	109	C. Başığit and <b>Arzu Eren</b> “An Alternative Repair Method of Reinforced Concrete Structure”
	74	<b>Ms. Yue Liu</b> “Value Creation through Cross-border M&As: challenges and opportunities for Chinese MNEs”	111	<b>Ibrahim K. Yilmazcoban</b> , Salih C. Batmaz, Mustafa Cagri Uyanik and M. Enes Bildik “The Projectile Shape and Material Effects on The Shooting Range of The Developed Gasgun System”
	126	<b>Fitria Ulfa Hidayatul Rahmi</b> “Cultural Meaning of Kondangan in Javanese Society: A Case Study in Kenteng, Toroh, Grobogan, Central Java, Indonesia (A Linguistic Anthropology's Study)”	120	<b>Laskri Nabila</b> and Nedjah Nawel “Implementing waste water Chemical Treatment for improving the Biological treatment performance”
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17.15-17.30	<b>COFFE BREAK (Poster Session)</b>			
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17.30-19.30	34	<b>Sabiha Anas Boussaa</b> , Messaouda Ayachi, Adessalam Hazmoune, Abdenour Lami and Yassine Chettat “End of Life Photovoltaic Panels: A Review”	134	<b>Abdul Rouf Khan</b> and Dr. Mohammad Ahsan Chishti “Filtering the False Data in Data Aggregation Schemes for Fog Computing Enhanced Internet of Things”
	42	<b>Miljko Satarić</b> , T.Nemeš and D. Sekulić “Calcium signaling regulates the beating of cilia and flagella”	6	<b>Mucize Sarihan</b> , Halil Soyol and Onur Yazar “The Factors Influencing Nurses’ Occupational Safety”
	69	<b>İnal Begüm Turna</b> , Zuhul Er and Hacire Uğur “Prediction of Operating PV Module Performance via MATLAB / Simulink Simulation”	8	<b>Halil Soyol</b> , Mucize Sarihan and Onur Yazar “The Effects Of Safety And Human Health Safety On Hospital Safety”
	73	<b>Kairat Bostanbekov</b> , Nadiya Yunicheva and Anel Alimova “Procedure for the selection of optimal parameters of numerical regional climatic model (RCM) for the domain "Central Asia"”	110	<b>Metallaoui Sophia</b> , K. Sihem, Mesbah Halima and Sahraoui Nora “Inventory and characterization of medicinal plants in the municipality of Ouled Attia (North-West, Skikda Algeria)”
	20	<b>Yasmina Angar</b> , Nacer-Eddine Djelali and Salima K.-Gana “Enhancement of the modified bentonite adsorption ability for the ammonium removal using crosslinked biopolymer as encapsulation support”	11	<b>Karima Bouakaz</b> , Abdessamad Abada, Abdallah Belhaddad and Amel Youcefi “Real Time Ultrasoft Scalars Self Energy at Next to-leading order in Hot Scalar QED”
	128	D.Berdjane, <b>Amel Bendjama</b> , L. Tairi, Badreddine Maalam, Ouahida Khireddine and Samira Djemili “Effect of the surrounding environment on the intrinsic properties of the fixing rods of metallic panels”	19	<b>Kenza Zaibak</b> , Nora Nait Bouda and Samira Biskri “A Scale-space approach with wavelets to analyze multi-scale turbulent structures of the flow”
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	132	Touseef Iqbal and <b>Dr. Shaima Qureshi</b> “Sustainable Computing in Artificial Intelligence: Characterization and Future Directions”	147	<b>Faez Waheed</b> , Kadir Gunoglu, Hakan Akyıldırım and Iskender Akkurt “An Experimental work on the Total efficiency of Cylindrical Scintillation Gamma-Ray Detector”
	137	<b>Onder Kizilkan</b> and Hiroshi Yamaguchi “Sustainable Energy Generation from Solar Assisted CO <sub>2</sub> -ORC: A Review of 15 Years Experiences at ECRC of Doshisha University”	148	<b>Faez Waheed</b> , Kadir Gunoglu, Hakan Akyıldırım and Iskender Akkurt “Modelling of 3" x 3" NaI(Tl) Scintillation detector system by Monte Carlo Code program”

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12	Dr. Mohammed Boulesbaa	Characteristics of Oxygen-rich Silicon Oxynitride Thin Films Deposited by PECVD Technique
13	Karima Boudhar and Mahdi Debieche	A theoretical study on the molecular structure and vibrational Raman spectra of organic-compound N-phenyl -3-(4-nitrophenyl) isoxazolidine -5- carbonitrile
14	Karima Mezouar and Amal Ait El Djoudi	Effect of Surface Tension on the Nucleation of Quark-Gluon Plasma Droplets from a Hot Hadronic Gas
15	Embarka Boutalbi, Leila Ait- Gougam-Tribeche, Omar Bouzit and Fawzia Mekideche-Chafa	Modified Korteweg-de Vries solitons in a quark gluon plasma
18	Brahim Lakehal, Nacereddine Lakhdar and Fouad Chebbara	Model of Intermediate band solar cell using MLP
23	Nadjet Taoualit, Zoubida Chemat-Djenni, Khalida Boutemak and Ahlem Douara	Retention of Nitrates Discharged from Photovoltaic Baths by Adsorption onto Mg-Al-HDL
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26	Yamina Zouambia, Soumia Zouambia, Mohamed Krea and Nadji Moulai-Mostefa	Removal of copper ions from synthetic effluents by biopolymers membranes
27	Fouad Kerkar, Abdelkrim Kheloufi, Nahed Dokhan, Djamel Ouadajaout, Nabil Khelifati, Sidali Medjahed, Chahinaz Nasraoui and Nadjib Meribai	ELECTRICAL Resistivity and Minority Carrier Lifetime Distribution in Multicrystalline Silicon Ingot
30	Ahmed Nouasri, Soumeia Krinat, Dahmane Dahmane, Yacine Badja, Mohamed-Amine Ferhat and Abdel Krim Kameli	Screening of secondary metabolites, total phenolics and flavonoid contents, characterization of phenolics compounds, and in vitro evaluation of biological activities of Thymus fontanesii Boiss et Reut extracts.
31	Djamila Benlemdjaldi, Abdelatif Tahraoui, Naima Fouial and Samir Chekour	Characteristic behaviour of dust grains in electrostatic sheaths of plasma discharge
39	Moufida Benzekka and Rabia Amour	Nonlinear structures in nonextensive dusty plasma in the presence of polarization force

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47	Zoubir Zeghdi, Abdelkader Larabi and Linda Barazane	Improvement of Performances by using Artificial Intelligence Control Strategy of DFIG integrated in Wind Energy Conversion System
49	Suhaila Samaae and Anchalee Pongkaset	Aflatoxin Contamination of Instant Tea in Beverage Shop at Yala Province, Thailand
50	Nabila Boucherit, Mahmoud Abouseoud, Mohamed Barki and Lydia Adour	Modelisation of enzymatic treatment in transformation of organic molecule
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81	Katerina Horackova and Marketa Krausova	The specifics of nursing care for a patient with colorectal cancer in the surgical department
85	Seridi Saida and Boulaha Sana	A DFT Study on the Radical Scavenging Activity of flavonoid
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101	Noureddine Merakeb	Enhancing the wear resistance of 304 stainless steel thin films by thermal oxidation in the vaccum evaporation
104	Farid Souas, Abdelhamid Safri and Benmounah Abdelbaki	Characterization of Rheological behavior of Algerian crude oils from the quagmires
105	Ouhiba Bechiri, Slima Lchter and Amina Madkour	DAWSON –MIXTES POLYOXOMETALLATES CATALYSIS OF DYE BLEACHING BY persulfate de potassium
108	Amel Bendjama	METALLURGICAL AND ELECTROCHEMICAL BEHAVIOR OF S295 STEEL TUBES IN STEEL COOLING CIRCUITS
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113	Dr. Sihem Badeche, Miss. Sameh Amouchas and Miss. Roumaissa Mokadem	Elaboration and Structural Characterisation of Substituted Baryum Titanate
119	Latifa Kahloul, Hacene Chadli and Abdenour Habbaz	Wear and friction behavior of the porous TiNiCu alloy for biomedical application

127	Nazli Yenihan Yüzer and Nilüfer Hilmioğlu	Fuel Bioadditive Glycerol Carbonate Synthesis by Composite Catalytic Membranes with PV4P
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144	Brahim Bahloul, Khatir Babesse and Azzedine Dekhġra	First-principles study of the electronic and optical properties of BaSrTe
145	Dr. Hassabo Ahmed Hassabo Adam	Role of Business Entrepreneurship & Electronic-working for Jobs Opportunities Creation A case study, Kenana Sugar Co Ltd – Sudan
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150	Mirac Kamyšlođlu and Mahmut Ekrem Yašar	Probability of cancer computation on patients the dose of all body and organs by using Caldose X and Pcmcx 2.0 program.

## 07 July 2019 - Sunday

<b>09.00-11.00</b>	<b>CLOSING -- CHECKING OUT</b>
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