



W-CAN 2021 Program: Friday (09:00-10:45), 26 Nov 2021





 SESSION 3.1 (VROOM1)	
Nanoelectronic Systems, Components & Devices CHAIR: Assoc. Prof. M. Tolga Yurtcan	
Time (GMT+3)	 zoom link Meeting ID: 994 0490 9757 Passcode:261453
09:20-09:40	PLENARY SPEAKER: Masaki Tanemura, Japan Low-temperature synthesis and practical applications of carbon-based nanocomposites from nanoworld to real world
09:40-10:00	PLENARY SPEAKER: Ashok Kumar Nadda, India Nanomaterials for enzyme immobilization and biocatalysis for clean energy and green environment
10:00-10:15	Effect of electrical properties on silver and graphite interdigitated electrode for TiO ₂ /MWCNT thick film sensing materials Mohd Nizar Hamidon, Malaysia
10:15-10:30	Design and simulation of microstrip patch antenna using prosopis africana carbon based nanomaterial for X-band application Zainab Yunusa, Malaysia
10:30-10:45	Preparation of novel double molecular imprinted nanoparticles for investigation to adsorption of salmeterol xinafoate and fluticasone propionate nanoparticles Esra Feyzioglu Demir, Turkey

 SESSION 3.1 (VROOM2)	
Nanomedicine, Toxicology, Drug Delivery Systems & Biopharmaceuticals CHAIR: Prof. Bulent Cavusoglu	
Time (GMT+3)	 zoom link Meeting ID: 999 6029 9711 Passcode:670900
09:00-09:20	PLENARY SPEAKER: Malik Maaza, South Africa Nanotechnologies towards SDGs' attainment
09:20-09:40	PLENARY SPEAKER: Dmitry Gorin, Russia Combination of photonics and acoustic tools with nanostructured particles for biomedical applications
09:40-09:55	Usability of nano-capsulation technology in animal nutrition Masoumeh Niazifar, Iran
09:55-10:10	The role of nano-vaccines in animal nutrition and health Akbar Taghizadeh, Iran
10:10-10:25	TELSAM accelerates crystallization of fused target proteins by stabilizing weak crystal contacts Supeshala Nawarathnage, USA

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W-CAN 2021 Program: Friday (13:30-15:10), 26 Nov 2021

 SESSION 3.2 (VROOM1)		 SESSION 3.2 (VROOM2)	
Nanotechnology in Construction Industry CHAIR: Prof. Umit Demir		Nanomaterials, Their Applications & Characterization CHAIR: Assoc. Prof. Esra Kavaz	
Time (GMT+3)	 zoom link Meeting ID:987 6545 1541 Passcode:050641	Time (GMT+3)	 zoom link Meeting ID:968 4315 3611 Passcode: 289928
13:30-13:50	PLENARY SPEAKER: Sefik Suzer, Turkey Operando-XPS investigation of electrified liquid/solid Interfaces of energy storage systems	13:30-13:50	PLENARY SPEAKER: Huseyin Ozan Tekin , UAE Using of Monte Carlo simulations for designing of nano-particle added shielding materials: A closer look on nano-WO₃ and nano-Bi₂O₃ reinforced shielding concretes
13:50-14:05	Nanotechnology in animal sciences: Methods of manufacturing, improving the quality of animal products and its current and future prospects in animal nutrition Hamid Paya, Iran	13:50-14:10	PLENARY SPEAKER: Elvira Fortunato , Portugal
14:05-14:20	Electrochemical synthesis of various metal nanoparticles-decorated Cr ₂ O ₃ nanostructures Hulya Ozturk Dogan, Turkey	14:10-14:25	Effect of 2-(pyren-1-ylmethylene) malononitrile on preparation of copper structures by electrochemical deposition Fatma Bayrakceken Nisanci, Turkey
14:20-14:35	Efficiency of ZnO doped pyrite for COD removal from mixed dye solutions by heterogeneous fenton process Yuksel Akinay, Turkey	14:25-14:40	Facile elaboration of TiO ₂ -ZnO based low-cost H ₂ gas sensors Faddouli Ali, Morocco
14:35-14:50	Use of nano-clays to isolate municipal landfills Parisa Nami, Iran	14:40-14:55	Optical band gaps of mixed-phase copper-oxide thin films on silicon substrates Mustafa Tolga Yurtcan, Turkey
14:50-15:05	The effect of target pulse count on the wear properties of copper oxide doped hydroxyapatite thin film layer formed by pulsed laser deposition Yenal Vangolu, Turkey	14:55-15:10	Engineered CaO, CuO, ZnO nanoparticles enhanced , callus formation maintain of alfalfa (<i>Medicago sativa</i> L.) under <i>in vitro</i> salt stress Ismail Bezirganoglu, Turkey

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W-CAN 2021 Program: Friday (15:30-18:30), 26 Nov 2021

		SESSION 3.3 (VROOM1) Biomaterials & Nanobiotechnology CHAIR: Assist. Prof. Asli Yilmaz
Time (GMT+3)	 zoom link	Meeting ID:955 8684 1527 Passcode: 979109
15:30-15:50	PLENARY SPEAKER: Raymond Tung, USA Unraveling the schottky barrier myster	
15:50-16:10	PLENARY SPEAKER: Muthupandian Saravanan, India Emerging nano-biomaterials to combat antimicrobial resistance (AMR)	
16:10-16:25	Application of nanotechnology in the stabilization of enzymes Shabnam Delir, Iran	
16:25-16:40	Production of zinc selenide nanoparticles (ZnSe-NPs) via microbial green synthesis and their antibacterial activities Sumeyra Gurkok, Turkey	
	SESSION 3.3 (VROOM1) Organic and Inorganic Nanocomposites, Polymers CHAIR: Prof. Duygu Ekinci	
16:40-17:00	PLENARY SPEAKER: Wonjin Choi, USA Terahertz kirigami metamaterials and chiral phonons	
17:00-17:25	PLENARY SPEAKER: Rodrigo Martins, Portugal Materials, the activators and accelerators of our global prosperity	
17:30-18:00	Congress Evaluation	
	CLOSING CEREMONY	

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