





W-CAN 2021 Program: Wednesday (09:00-11:00), 24 Nov 2021

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|--------------|--|-------------------------|---|
| |  zoom link | OPENING CEREMONY |  |
| Time (GMT+3) | Meeting ID: 966 6507 9164 Passcode: 416869 | | |
| 09:00-11:00 | GMT+3: 09:00-11:00 | | |





W-CAN 2021 Program: Wednesday (11:00-11:40), 24 Nov 2021

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|--------------|---|---|-------------------------------|
| |  | SESSION 1.1 (VROOM1) | |
| | | Wed 11:00-11:40 | |
| | | CHAIRS: Prof. Hayrunnisa Nadaroglu | Assoc. Prof. M. Tolga YURTCAN |
| Time (GMT+3) |  zoom link | Meeting ID: 923 3961 8500 Passcode: 871633 | |
| 11:00-11:20 | PLENARY SPEAKER: Kamaruzzaman Sopian, Malaysia Prospects of nanofluid utilization in solar energy technologies | | |
| 11:20-11:40 | PLENARY SPEAKER: Saidur Rahman, UK Energy storage by emerging nanomaterials (MXene) | | |

All times are listed in Turkey Local Time (GMT+3).

You may reach a zoom session by clicking on the link or reading QR code, posted at session top.

W-CAN 2021 Program: Wednesday (13:30-14:50), 24 Nov 2021

|  SESSION 1.2 (VROOM1) | |  SESSION 1.2 (VROOM2) | |
|---|---|---|---|
| Nanoelectronic Systems Components & Devices CHAIR: Prof.Onder Metin | | Nanofabrication, Nanoprocessing & Nanomanufacturing CHAIR: Prof. Saltuk Bugrahan Ceyhun | |
| Time (GMT+3) |  zoom link Meeting ID:912 0583 3718 Passcode:462056 | Time (GMT+3) |  zoom link Meeting ID: 998 8193 4870 Passcode:586680 |
| 13:30-13:50 | PLENARY SPEAKER: Suddhastawa Basu, India Energy on fingertips: Microfluidic water electrolyser for hydrogen and oxygen generation in tandem operation with microfluidic fuel cell | 13:30-13:50 | PLENARY SPEAKER: Denis Baranenko, Russia Nano- and micro-sized encapsulated complex food ingredients for functional nutrition |
| 13:50-14:05 | PLENARY SPEAKER: Hamed Niroumand, Iran Nanotechnology in geotechnical engineering | 13:50-14:05 | PLENARY SPEAKER: Fabian Kiessling, Germany Imaging with nanoprobos: Strengths and limitations |
| 14:05-14:20 | Hydrogen sensitivity of TiO ₂ gas sensor based on different firing temperatures for bottom interdigitated electrode Siti Amaniah Mohd Chachuli, Malaysia | 14:05-14:20 | Utilization of selenium nanoparticle technology as bioavailable supplement alternatives in animal nutrition Masoumeh Niazifar, Iran |
| 14:20-14:35 | Synthesis, characterization and electrochemical performance of ZnO coated on nanostructured copper foam for rechargeable Zn-Ni battery Taskin Camurcu, Turkey | 14:20-14:35 | Alternating magnetic field mediated heat inducible gene expression system Melek Acar, Turkey |
| 14:35-14:50 | The effect of oxygen pulsing duration on target poisoning for memristor applications Hasan Efeoglu, Turkey | 14:35-14:50 | Plant derived nanoparticles in livestock farming Moyosore Adegbeye, Nigeria |

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W-CAN 2021 Program: Wednesday (15:00-17:00), 24 Nov 2021



|  SESSION 1.3 (VROOM1) | |  SESSION 1.3 (VROOM2) | |
|---|---|---|---|
| Nanomaterials, Their Applications & Characterization CHAIR: Prof. Emre Gur | | Biomaterials & Nanobiotechnology CHAIR: Prof. Hasan Efeoglu | |
| Time (GMT+3) |  zoom link | Time (GMT+3) |  zoom link |
| | Meeting ID:947 0294 7588 Passcode:162989 | | Meeting ID:969 4127 1561 Passcode:090999 |
| 15:00-15:20 | PLENARY SPEAKER: Luis Carlos, Portugal Measuring temperature at the nanoscale through light emission | 15:00-15:20 | PLENARY SPEAKER: Ali A. Ensafi, Iran The role of metal-organic frameworks in the fabrication of sensors & biosensors |
| 15:20-15:40 | PLENARY SPEAKER: Onder Metin, Turkey Catalytic applications of the nanocomposites of metal nanoparticles and non-metallic 2D semiconductors | 15:20-15:40 | PLENARY SPEAKER: Ali Olad, Iran Nanocomposite hydrogels; Promising materials for agricultural and biomedical applications |
| 15:40-15:55 | Growth and characterization of FeO thin films grown by spray pyrolysis method Demet Iskenderoglu, Turkey | 15:40-16:00 | PLENARY SPEAKER: Mustafa Culha, Turkey Engineered nanomaterials in nanomedicine and diagnosis |
| 15:55-16:10 | Investigating the effect of Nb/ Zr target voltage on mechanical properties TiBCN based films deposited by CFUBMS- HiPIMS Nuriye Aksakalli, Turkey | 16:00-16:15 | Nanoclays; Valuable mineral compounds in the medical and pharmaceutical industries Parisa Nami, Iran |
| 16:10-16:25 | Gold nanoparticle-decorated polystyrene hybrid nanosystems as SERS platform, and catalyst Mehmet Yilmaz, Turkey | 16:15-16:30 | Synthesis copper oxide nanoparticles by chemical reduction method and their toxicity evaluation in the rana macrocnemis (Anura: Ranidae) Ramin Mohammadi-Aloucheh, Iran |
| 16:25-16:40 | Electrochemical properties and solar cell assembly of highly efficient 4-ferrosenilfenoksi ftalonitril substituted Zn-phthalocyanines Soner Cakar, Turkey | 16:30-16:45 | The effects of different surfactant and organic solvent concentrations on famotidine nanosuspensions particle size and zeta potential Rukiye Sevinc Ozakar, Turkey |
| 16:40-16:55 | Role of ABA and CaO in <i>Triticum monococcum</i> callus gluten amounts decreased Ismail Bezirganoglu, Turkey | 16:45-17:00 | Synthesis of nanoclays-based drugs, progression of the pharmaceutical industry Shahriyar Karimdoust, Iran |

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W-CAN 2021 Program: Wednesday (17:00-18:05), 24 Nov 2021

| | | |
|---------------------|---|---|
| |  | SESSION 1.4 (VROOM1) |
| | | Nanotechnology for Green Energy & Environment Sciences CHAIR: Prof. Murat Alanyalioglu |
| Time (GMT+3) |  zoom link | Meeting ID: 991 5433 9066 Passcode: 813932 |
| 17:00-17:20 | PLENARY SPEAKER: Peter Hoet, Belgium Toxicological relevance of nanoparticle agglomerates and aggregates: A step towards a toxicologically relevant definition of nanomaterial | |
| 17:20-17:35 | Application of nanotechnology in biotechnology Shabnam Delir, Iran | |
| 17:35-17:50 | Theoretical study of a new smart hybrid solar water heater with mini-hydro turbine Abderrahim Habchi, Morocco | |
| 17:50-18:05 | Effect on heat transfer of Al ₂ O ₃ /water nanofluid in a trapezoidal channel with baffles Selma Akcay, Turkey | |

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| |  | SESSION 1.4 (VROOM2) |
| | | Nanomedicine, Toxicology, Drug Delivery Systems and Biopharmaceuticals CHAIR: Prof. Ozlem Baris |
| Time (GMT+3) |  zoom link | Meeting ID: 960 8652 0275 Passcode: 662900 |
| 17:00-17:20 | PLENARY SPEAKER: Undurti N Das, USA Gamma-linolenic acid as a potential anti-cancer drug with specific reference to glioma | |
| 17:20-17:35 | Fluorescent dye labeling influences uptake and biodistribution of polymeric drug carriers Sarah Schraven, Germany | |
| 17:35-17:50 | Suggestion a magnetic nanoparticle-mediated cancer vaccine for immunotherapy Kubra Solak, Turkey | |
| 17:50-18:05 | Development of multifunctional polymer nanocomposite scaffolds by 3D printing for biomedical applications Ilknur Kokcu, Turkey | |

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W-CAN 2021 Program: Thursday (09:00-10:50), 25 Nov 2021

|  SESSION 2.1 (VROOM1) Nanofabrication, Nanoprocessing & Nanomanufacturing CHAIR: Assoc.Prof. Mehmet Yilmaz | |
|---|---|
| Time (GMT+3) |  zoom link Meeting ID:988 7852 6410 Passcode: 832897 |
| 09:00-09:20 | PLENARY SPEAKER: Mohd Nizar Hamidon, Malaysia Gas sensor technology with nano |
| 09:20-09:40 | PLENARY SPEAKER: Sanjay K. Sharma, India Need of green chemistry education |
| 09:40-09:55 | Porous alginate prepared through O/W emulsification (High internal phase emulsions) and gelation with calcium chloride (CaCl ₂) nanoparticles Parinaz Pargolghasemi, Iran |
| 09:55-10:10 | Comparison between silver and graphite interdigitated electrode (IDE) in TiO ₂ /MWCNT thick film on electrical properties Azlinda Abu Bakar, Malaysia |
| 10:10-10:25 | The synthesis and characterizations of silver@carbon core-shell structure for potential application of oxygen evaluation reaction Soner Cakar, Turkey |
| 10:25-10:40 | Fluorometric Fe ³⁺ Ion detection with green synthesis carbon dot structures Ebru Bozkurt, Turkey |
| 10:40-10:55 | |

|  SESSION 2.1 (VROOM2) Nanoelectronic Systems Components & Devices CHAIR: Teach. Asst. M. Kaan Yesilyurt | |
|--|--|
| Time (GMT+3) |  zoom link Meeting ID:943 2149 0693 Passcode:243052 |
| 09:00-09:20 | PLENARY SPEAKER: Jihyeon Yeom, South Korea Multi-scale chirality of inorganic materials |
| 09:20-09:35 | Study of silicon-carbon nanocomposite structural and electrical properties for potential anode materials in lithium-ion batteries Yazid Yaakob, Japan |
| 09:35-09:50 | Multiferroic bismuth Iron oxide/epoxy resin composite as high efficiency microwave absorbing material at high GHz frequency Khamirul Amin Matori, Malaysia |
| 09:50-10:05 | Superconducting properties of Eu ₂ O ₃ nanoparticles substitution in Bi(Pb)-2223 ceramics Azhan Hashim, Malaysia |
| 10:05-10:20 | Zinc oxide nanosheets supported on 3D graphene foam as photoelectrode for PEC water splitting Rozan Mohamad Yunus, Malaysia |
| 10:20-10:35 | Flux pinning mechanisms of YBa ₂ Cu ₃ O _{7-δ} thick films by BaZrO ₃ nano inclusions M. M. Awang Kechik, Malaysia |
| 10:35-10:50 | Production of Bi ₂ O ₃ NPs and NiO NPs nanoparticle doped epoxy nanocomposites synthesized by green synthesis method and investigation of their bending strength Volkan Acar, Turkey |





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W-CAN 2021 Program: Thursday (11:15-11:50), 25 Nov 2021

|  SESSION 2.2 (VROOM1) SHORT ORAL Thu 11:00-11:30 CHAIR: Assoc. Prof. Ezgi Topcu | |  SESSION 2.2 (VROOM2) POSTER Thu 11:00-11:20 CHAIR: Asist. Prof. Buket Bakan | | | |
|--|--|---|--------------|---|---|
| Time (GMT+3) |  zoom link | Meeting ID:955 5067 0472 Passcode:138370 | Time (GMT+3) |  zoom link | Meeting ID:966 6989 3954 Passcode:513620 |
| 11:15-11:20 | Topical nanomedicines for leishmaniasis and skin cancer based on photodynamic and photothermal therapies Daniela Maza Vega, Argentina | | 11:15-11:20 | A comparison on the performance of NiO and Spiro-OmeTAD as an HTL in perovskite solar cells through numerical GPVDM simulation Subathra Muniandy, Malaysia | |
| 11:20-11:25 | Using iron nanoparticles as nano-fertilizer in cultivation of christmas bery trees Neslihan Babali, Turkey | | 11:20-11:25 | Calcium nanoparticles and their applications Ozlem Baris, Turkey | |
| 11:25-11:30 | Synthesis of iron oxide nanoparticle with the green synthesis method and using it as nano-fertilizer content in growing the plant Neslihan Babali, Turkey | | 11:25-11:30 | Synthesis and characterization of nanoparticle embedded p(HEMA) based membran systems for removal of reactive green 19 textile dye Nevra Ozturk Atay, Turkey | |
| 11:30-11:35 | Effect of ramelteon bioconjugated CdS quantum dots on cancer lines: an <i>in vitro</i> study Ozge Balpinar, Turkey | | | | |
| 11:35-11:40 | Development and characterization of repaglinide-loaded PLGA-Zein nanoparticles Afife Busra Ugur Kaplan, Turkey | | | | |
| 11:40-11:45 | Determination of Trypan blue azo dyestuff by developing nanosensor with electrochemical method in different samples Hilal Kubra Saglam, Turkey | | | | |
| 11:45-11:50 | Development of nanosensor by electrochemical method using sodium doped iron oxide films Sumeyra Gunduz, Turkey | | | | |

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W-CAN 2021 Program: Thursday (13:30-15:25), 25 Nov 2021

|  SESSION 2.3 (VROOM1) 2D Materials CHAIR: Assoc. Prof. Haydar Kilic | |  SESSION 2.3 (VROOM2) Energy Storage & Applications CHAIR: Assoc. Prof. Bilal Nisanci | |
|--|--|--|---|
| Time (GMT+3) |  zoom link Meeting ID: 986 2924 5407 Passcode: 441871 | Time (GMT+3) |  zoom link Meeting ID: 946 3362 6079 Passcode: 397817 |
| 13:30-13:50 | PLENARY SPEAKER: Ayse Bayrakceken Yurtcan, Turkey Recent advances in nanomaterials for PEMFC electrocatalysts | 13:30-13:50 | PLENARY SPEAKER: Umit Demir, Turkey Electrochemical reduced graphene oxide nanocomposites decorated with metal/metal oxides nanostructures for energy and sensor applications |
| 13:50-14:10 | PLENARY SPEAKER: Harold Zandvliet, Netherland 2D graphene-like materials | 13:50-14:05 | Preparation of long-tailed CTA+ ions modified montmorillonite-polystyrene nanocomposites (MMPS) and investigation of their thermal and mechanical properties Ahmet Gurses, Turkey |
| 14:10-14:25 | Design and simulation of microstrip patch antenna using prosopis africana carbon based nanomaterial for X-band application Zainab Yunusa, Nigeria | 14:05-14:20 | Synthesis and characterization of graphene-derived graphene aerogel Meryem Samanci, Turkey |
| 14:25-14:40 | Electro-oxidation of methanol on Cu ₂ O-graphene nanocomposite electrode Hulya Ozturk Dogan, Turkey | 14:20-14:35 | Bacterial synthesis of complex GO: Ag nanoparticles and their use as thin film on p-Si Tuba Cakici, Turkey |
| 14:40-14:55 | Production of novel carbon nanostructures by electrochemical reduction of polychlorinated organic rings under mild conditions for supercapacitors Duygu Ekinci, Turkey | 14:35-14:50 | Electrical conductivity of carbon nanotubes cotton as counter electrode for dye-sensitized solar cells Yusnita Yusuf, Malaysia |
| 14:55-15:10 | Preparation of bituminous calcareous aggregate hot mixes(HMA) containing organo-clay using an innovative gradation design Ahmet Gurses, Turkey | 14:50-15:05 | Using of nanotechnology for photovoltaic solar energy cells Huseyin Gulluce, Turkey |
| 15:10-15:25 | Poly(L-DOPA)-mediated silver nanoparticle-decorated titanium dioxide nanowires with high SERS and, photocatalytic activity Hayrunnisa Mazlumoglu, Turkey | 15:05-15:20 | Preparation of Ce ₂ O ₃ NPs and SrO NPs nanoparticle doped epoxy nanocomposites synthesized by green synthesis method and investigation of their bending strength Gulsah Oner, Turkey |

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W-CAN 2021 Program: Thursday (15:30-17:05), 25 Nov 2021

|  SESSION 2.4(VROOM1) Nanomaterials, Their Applications & Characterization CHAIR: Prof. Ahmet Hacimuftuoglu | |  SESSION 2.4(VROOM2) Nanomedicine, Toxicology, Drug Delivery Systems & Biopharmaceuticals CHAIR: Prof. Ihsan Efeoglu | | | |
|---|--|---|--------------|--|---|
| Time (GMT+3) |  zoom link | Meeting ID:984 0886 0963 Passcode:943907 | Time (GMT+3) |  zoom link | Meeting ID:932 2719 7990 Passcode:142756 |
| 15:30-15:50 | PLENARY SPEAKER: Bingqing Wei, USA Plasmon-induced super-semiconducting in nanostructured bimetallic arrays | | 15:30-15:50 | PLENARY SPEAKER: Bashar Issa, UAE Multifunctional magnetic nanoparticles for MRI and hyperthermia | |
| 15:50-16:05 | Controlling of absorption threshold of transparent SrF ₂ -Ge ceramic glass film Mojtaba Farhangmehr, Iran | | 15:50-16:05 | The effect of nanoclay on human gastrointestinal health Shahriyar Karimdoust, Iran | |
| 16:05-16:20 | Preparation and characterization of Lanthanum Oxide (La ₂ O ₃) nanoparticles by sonication method Mehmet Semih Bingol, Turkey | | 16:05-16:20 | Antiglycating potential of zinc oxide nanoparticle and its interaction with BSA Ahmad Ali, India | |
| 16:20-16:35 | The electrical analysis of n-ZnSe/p-SiNW devices depending on different nanowire length Emre Coskun, Turkey | | 16:20-16:35 | Application of nanotechnology in animal nutrition Anna Sheikhalipour, Iran | |
| 16:35-16:50 | Design and simulation of multi-slot graphene-based microstrip patch antenna for X-band application Zainab Yunusa, Nigeria | | 16:35-16:50 | Development of keratin-based viscosupplement alternatives extracted from <i>Bubalus bubalis</i> (Buffalo) horn Dilsad Taydas, Turkey | |
| 16:50-17:05 | Nano-minerals: Benefits and risks in ruminant nutrition Hamid Paya, Iran | | 16:50-17:05 | Catalytic decolourization and degradation of methyl violet using biosynthesized colloidal gold nanoparticles and NaBH ₄ Nilofar Nadaf, Iran | |

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W-CAN 2021 Program: Thursday (17:10-18:00), 25 Nov 2021



|  SESSION 2.5(VROOM1) Smart Textiles and Apparels CHAIR: Prof. Ahmet Mavi | |  SESSION 2.5(VROOM2) Computational Nanotechnology CHAIR: Assit. Prof. Melike Sevim | | | |
|---|--|---|--------------|--|--|
| Time (GMT+3) |  zoom link | Meeting ID: 967 4887 5858 Passcode: 715659 | Time (GMT+3) |  zoom link | Meeting ID: 988 4420 5896 Passcode:067762 |
| 17:10-17:30 | PLENARY SPEAKER: Mehmet Ertugrul, Turkey An application of nanotechnology for transmission power lines: Ultraconductors | | 17:10-17:30 | PLENARY SPEAKER: Samuel Kassegne, USA Computational modeling for designing nanomaterials from the ground-up | |
| 17:30-17:45 | Synthesis, optimization and electrochemical sensor application of copper ferrite nanoparticles Vildan Sanko, Turkey | | 17:30-17:45 | Ag dopant effect on CuO thin films grown by spray pyrolysis method Demet Iskenderoglu, Turkey | |
| 17:45-18:00 | How TELSAM protein polymer improves the success rate and speed of protein crystallization Sara Soleiman, USA | | 17:45-18:00 | Synthesis and characterizations of sugarcane bagasse ash nanoparticles, as a potential material for gas sensing Jamila Sumaila, Nigeria | |

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



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| 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 at Difference Temperature Operating Azlinda Abu Bakar,, 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 |

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| 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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