

World Congress & Expo on Nanotechnology and Nanoengineering

March 27-29, 2017
Dubai, UAE

Tentative Program



Day 1: March 27, 2017

Keynote Presentations

Nanomedicine Nanostructured Materials

Title: Green Nanotechnology—Implications In Nanomedicine For The Creation Of Holistic Integrative Medicine (Him)
Presenting Author: Kattesh V. Katti, University of Missouri, USA

Title: Mixed Ligand-Co (Ii), Ni (Ii), Cu (Ii) And Zr (Iv) Complexes As Antimicrobial And Antifungal Agents; Preparation And Spectroscopic Studies
Presenting Author: Magda Hassan Abd El lattif, Taif University, KSA

Title: Biological Effect of Gold and Silver Nanoparticules in Ameliorating Diabetic Nephropathy Induced in Rats
Presenting Author: Hiba Haj King Abdulaziz University, KSA

Title: The best and the simplest and combined treatments for aids and cancer
Presenting Author: Antoine Sayegh, private clinic, Syria

Title: Green synthesis of silver nanoparticles capped with Rhus javanica roots extract and their biomedical application
Presenting Author: Abdur Rauf, University of Swabi, Pakistan

Title: The effect of transition metal addition in the thermo-mechanical behavior of nanocrystalline Al alloy processed through mechanical alloying
Presenting Author: Muneer Baig, King Saud University, KSA

Title: Effect of Fe % on the corrosion behavior of newly fabricated nanocrystalline aluminum-iron alloy produced by mechanical attritor
Presenting Author: Asiful Hossain Seikh, King Saud University, Saudi Arabia

Title: Anti-fouling Ship hull coatings using a new concept of creating a superfine nano surface structure
Presenting Author: A.S.Khanna, Mater Science IIT Bombay, India

Title: High-Performance Solar-Blind Photodetector Based on AlGaN/GaN Heterostructure
Presenting Author: Allam zehor, University of Abou-bekr Belkai, Algeria

Title: Investigation on Structural, Optical and Photo conductive properties of nano structured optical metal oxide CdO
Presenting Author: Davit Dhruv, Gujarat Technological University, India

Title: Ceramic Bulk, Micro and Nanomaterials: Synthesis, Properties and Applications
Presenting Author: Hassan H. M. Darweesh, National research Centre, Egypt

Title: A Pentacene-Based Organic Mis Structures: Structural Analysis and Electrical Properties
Presenting Author: Najeb A. Elgeme, Zawia University, Libya

Title: Synthesis of MgO nanostructures with addition of different dopants and their comparative analysis for optical application
Presenting Author: Neeraj Marwaha, AcSIR- CSIR National Physical Laboratory, India

Title: Nanoscale Characterization of Displacive and Structural Phase Transformations in Shape Memory Alloys
Presenting Author: Osman Adiguzel, Firat University, Turkey

Day 2: March 28, 2017

Title: Green Synthesis of Silver Nanoparticles and Evaluation of its Potential for Decolourization of a Synthetic Dye and Anti-bacterial Activity

Presenting Author: Teklit Gebregiorgis Amabye, Mekelle University, Ethiopia

**Nanobiotechnology
Materials Science and Engineering
Environmental Nanotechnology
Biomaterials and Polymer Chemistry**

Title: Development of Broad Spectrum Antimicrobial Nanofibrous Formulation Based on Natural Materials and Bacteriophage

Presenting Author: W.A. Sarhan, American University in Cairo, Egypt

Title: Assessment of comparative growth nutrient uptake, yield and yield components responses of salt tolerant and sensitive sorghum (*Sorghum bicolor* L.) genotypes

Presenting Author: Abida Kausar, Government College Women University Faisalabad, Pakistan

Title: Modelling and Computational viewpoint of BioNanotechnology Today

Presenting Author: Korrapati Narasimhulu, National Institute of Technology Warangal, India

Title: Study the inhibitor effect of Zirconia Oxide ZrO₂ Nanoparticles against Some pathogenic Bacteria

Presenting Author: Rana Mujahid Abdullah, University of Baghdad

Title: Biocidal Efficacy Study of Non-thermal Plasma on Microbial Planktonic and Biofilm Forms

Presenting Author: Refat Abd El Samee Sadeq, Port Said University,

Title: Nano-cellulose based biopolymer using plant biomass: An innovative biodegradable nano-biomaterial

Presenting Author: A.B.M. Sharif Hossain, University of Hail, Saudi Arabia

Title: Sustainability in Advanced Materials

Presenting Author: J. Meeks-Matous, TMM Industries LTD, USA

Title: Enriching the properties of nano silver particle through acute polarization

Presenting Author: Mark Smith, Stanford Medical School, USA

Title: Biomass and Biogas for Sustainable Energy Generation: Recent Development and Perspectives

Presenting Author: Abdeen Omer, Energy Research Institute (ERI), UK

Title: Environmental Application of Carbon Nanotubes as Adsorbent for Polycyclic Aromatic Hydrocarbons (PAHs)

Presenting Author: Semra G. Tuncel, Middle East Technical University, Egypt

Title: The convergence of technologies, generates convergence in the regulations

Presenting Author: Guillermo Valdés Mesa, Havana University Center Biomaterial

Title: Development of Bimetallic Solid Solution Catalyst for Organic Synthesis

Presenting Author: Md. Shahajahan Kutubi, Oita University, Japan

Title: Super-Hydrophilic Ni-TiO₂/TiO₂ Multilayer Coating as an Active Photo-catalyst

Presenting Author: Soha Mohajeri, Sharif University, Iran

Speech Opportunity Available

Day 3: March 29, 2017

Nanotechnologies in Pharma Industry-From Drug Synthesis to Drug Delivery
Nanotechnology in Genetics
Nanoscience Assisted Cell and Tissue Engineering
Computational Techniques for Nanotechnologies, Nanosensors
Nanoelectronics and Nanophotonics

Title: Modeling and FTIR after Gamma Rays for Chitosan Matrix Containing drug for sustained Drug Release

Presenting Author: M.S. Meikhail, Mansoura University, Egypt

Title: Genetic identification and characterization of Enterobacter sp. 3.1.1.C for novel biocontrol and plant growth promoting potential in wheat

Presenting Author: Munazza Gull, King Abdul Aziz University, Saudi Arabia

Title: Variant analysis of tumor suppressor PTEN gene in breast cancer patients of Pakistani population

Presenting Author: Neelum Aziz Yousaf-zai, University of Agriculture Faisalabad Pakistan

Title: Exploring the Potentials of CRISPR & Emerging Gene-editing Technologies in the Control of Lassa Haemorrhagic Fever in Nigeria

Presenting Author: Yakubu Usman Jibril, The Federal Polytechnic Nasarawa, Nigeria

Title: Peripheral Tissue Engineering via Silk Nan fibrous Mat as a Nerve Guide

Presenting Author: Armin Ai, Tehran University of Medical Sciences, Iran

Title: Assessing Nano-Sensors in Determination of the Degree of Endothelial Dysfunction and Lifespan of the Cardiovascular System

Presenting Author: Febbe R. Louka, University of Louisiana at Lafayette, USA

Title: Development of Real Sample Biosensor for C - Reactive Protein Detection

Presenting Author: A. Abdelghani, National Institute of Applied Science and Technology, Tunisia

Title: Simulation of a Container Terminal and it's Reflect on Port Economy

Presenting Author: Akram Elentably, King Abdul-Aziz University, Saudi Arabia

Title: Nanosecond electrical pulsing of graphene based FETs: A path to solving device heating and optimizing performance

Presenting Author: Harihara Ramamoorthy, University at Buffalo, USA

Title: Nanostructured Lipid Carriers for Ocular Delivery: In-vitro, In-vivo Evaluation

Presenting Author: Safaa Elgamal, Alexandria University, Egypt

Speech Opportunity Available

Nanomaterials

Title: Horizon 2020's SME Instrument

Presenting Author: Daniel CHIRTES, Executive Agency for SMEs - European Commission, Brussels, Belgium

Title: Durability proposal of green geosynthetics for civil engineering application through index test

Presenting Author: Han-Yong Jeon, Inha University, South Korea

Title: Bound Exciton Engineering Approach for Controlling the Thermolensing Phenomena In Anatase TiO₂: Gd Nanospheres

Presenting Author: Oriparambil Sivaraman Nirmal Ghosh, Pondicherry University, India

Poster Presentations

Title: Pulsed Laser Deposition of SmCo Permanent Magnetic Nanoparticles

Presenting Author: A.Morone, CNR-Istituto di Struttura della materia-Unità Distaccata di Potenza, Italy

Title: Synthesis of ZnO/Ag₂S Nano-composites through Ion –exchange Technique

Presenting Author: Afaf Babeer, Jazan University, Jazan, KSA

Title: Application of ISSR analysis for identification of lactic acid bacteria strains isolated from Egyptian milk products

Presenting Author: Fikry A.E, National Research Center, Dokki, Giza, Egypt

Title: Pioneering the development and commercialization of patient-focused precision therapeutics

Presenting Author: Arkesh Mehta

Title: Peripheral Tissue Engineering via Silk Nan fibrous Mat as a Nerve Guide

Presenting Author: Armin Ai, Tehran University of Medical Sciences, Iran

Title: Investigating the effects of nanoparticles on improving Chemical flooding (polymer) in enhancing the oil Recovery (The use of Nano-fluid)

Presenting Author: Hussain Ahmed, American University of Sharjah, UAE

Title: Synthesis of Copper-Chitosan Nanoparticles and its application in treatment of 24 pathogenic local isolates bacteria

Presenting Author: Sohier M. Syame, National Research Center, Egypt

Title: Nanomedicine: Will it be Able to Overcome Multidrug Resistance in Cancers?

Presenting Author: Sten Friberg

Poster submission opportunities Available

We Wish to see you at Dubai