Scientific Program

21st World Nanotechnology Congress

October 15-17, 2018 | Dubai, UAE
Opening Ceremony

Keynote Forum

Title: The Route to Nanomaterials Manufacturing Incorporating Nanoparticle Beam Deposition
Richard Palmer, Swansea University, UK

Networking, Refreshments Break & Group Photo

Sessions: Nanotechnology and Environment | Nanomedicine | Nanotechnology

Title: Engagement strategy to transform Nanotechnology based product from theories to the factory floor in the Middle East
Ahmed Abushomi, University of Oxford, Saudi Arabia

Title: Development of new ionization radiation sensors based on vertically aligned single-walled carbon nanotubes
Mr Kenneth Mora, Universidad del Turabo, USA

Title: Hydrogen production by water splitting using Ag@TiO2 composites under UVVis light
Mr Brandon Molina, Universidad del Turabo, USA

Title: Fabrication of Biocompatible Silver Nanoparticles for Management of Parasitic Diseases
Shabad preet, Dayalbagh Educational Institute, India.

Title: A Green Nanotechnology Approach for Fabrication of Silver Nanoparticles using Bio-wastes for Managing Dengue.
Ami Verma, Dayalbagh Educational Institute, India

Lunch Break

Title: Development of 2-D material reinforced HAP-GEL scaffold for bone tissue regeneration
Umakant Yadav, Banaras Hindu University, India

Title: Nanobiosensor Application in Detecting Biomarkers in Candida Infection
Suad Mubarak, Swansea University, UK

Title: Development, evaluation and pharmacological study of Ayurvedic nano formulation formulation Kukkutandatvac bhasma
Akshay M. Baheti, Maeer’s Maharashtra Institute of Pharmacy, India

Title: Earth-abundant nano-catalysts for clean hydrogen fuel generation through water splitting
Junyuan Xu, International Iberian Nanotechnology Laboratory, Portugal

Coffee Break

Speaker Slots Available
Panel Discussions

Day 2 October 16, 2018

Sessions: Nanotechnology and Material science

Title: Nanomaterials and their Potential Applications
M.A. Shah, National Institute of Technology Srinagar, India

Title: Nanotheranostic Lipoprotein-Inspired Zinc Oxide-Bound Paclitaxel for Enhanced Anticancer Photochemotherapy.
Yaw Opoku-Damoah, University of Queensland, Australia

Title: E-BABE- Substrate and annealing temperature effects on GaAs PN junction solar cells
Yahia F. Makableh, Jordan University of Science and Technology, Jordan

Networking and Refreshments Break
Title: Nano Materials for densifying the concrete microstructure and improving strength and durability
Shree Laxmi Prashant, Manipal Institute of Technology, India

Poster Presentations

Lunch Break

Title: Ab initio study and growth of superconducting tantalum nitride thin films by pulsed laser deposition
Michelle Ivonne Cedillo Rosillo, Universidad Nacional Autónoma de México, Mexico

Title: Biosynthesis of silver nanoparticles by marine bacteria and their synergistic effect with antibiotics against pathogenic bacteria
Muneera M. AlOtaibi, Taif university, Saudi Arabia

Title: Photodegradation of organic pollutants in water by magnetic heterogeneous Fenton catalysts with a simple halogen visible lamp
Nassira Ferroudj, Université du 20 Août 1955 de Skikda, BP 26 Route d'El Hadaiek, Skikda, Algeria

Panel Discussions

Coffee Break

Day 3   October 17, 2018

Sessions: Nanocatalysis | Biomaterials and Medical devices | Nanomaterials and Nanoparticles

Title: Effects of Different Interlayers For Polysulfide Trapping and Cycling Stability Enhancement For Lithium Sulfur Batteries
Maryam Sadat Kiai, Istanbul Technical University, Turkey

Title: Advanced Functional Mesoporous Materials for Clean Energy, Sensing and Carbon Capture
Ajayan Vinu, University of Newcastle, Australia

Networking and Refreshments Break

Title: Enhanced photocatalytic H2 evolution from in situ formation of few-layered MoS2/CdS nanosheet-based van der Waals heterostructures
Shahid Iqbal, Xi’an Jiaotong University, China

Title: Ancient Nanotechnology is Today’s Cutting Edge Technology Naturally available Nano-particles in Nature, Nanomedicines & Modern Nanotechnological Solutions
Nanjappa Kempaiah, Nanotechnologist & Director-Operations, India

Lunch Break

Title: Marine macroalgae mediated biosynthesis of multiapplicative silver and gold nanoparticles
Anu Gopinath, Kerala University of Fisheries and Ocean Studies, India

Title: Synthesis of spatially separated aluminum oxide-titanium dioxide yolk-shell hollow spheres as efficient photocatalyst for water oxidation
Rishabh Rastogi, Luxembourg Institute of Science and Technology, Luxembourg

Title: Confined Nanoscale geometries to enhance sensitivity of Plasmonic Immunoassays
Muhammad Waqas, Shenzhen University, China

Title: DaNa2.0 - reliable information on the safety of nanomaterials
Steinbach Christoph, DECHEMA, Germany

Panel Discussions

Coffee Break

Awards & Closing Ceremony

Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this program are subject to change
Best Tourist Destinations in Dubai

- Burj Khalifa
- Dubai Fountain
- Grand Mosque
- Dolphin Bay
- Dubai Marina
- Jumeirah Al Qasr
- Dubai Creek
- Emirates Tower
- Palm Island