Scientific Program

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38th International Conference on

Advanced Nanotechnology

August 01, 2022 | Webinar

UK: Conference Series LLC Ltd
35 Ruddlesway, Windsor, Berkshire, SL4 5SF

August 01, 2022

Sessions will be hosted in GMT+1 (UK Timings)

Opening Ceremony

09:00-09:30 Introduction

Sessions: Nanoparticles | Applications of Nanotechnology | Nanoscience and Technology | Nanostructures | Nanoelectronics | Material Science | Nanomaterials | Nanochemistry | Nanophotonic | Pharmaceutical Nanotechnology | Graphene & 2D Materials

09:30-10:10
Title: Atomic semiconductor via flat phonon bands in HfO2
Jun Hee Lee, Ulsan National Institute of Science & Technology, South Korea

10:10-10:40
Title: Removal some endocrine-disrupting compounds by N-doped BiOBr nanoparticle under solar ligth
Delia Teresa Sponza, Dokuz Eylül University, Turkey

10:40-11:10
Title: Preparation of TiO2 /CdS/GO/Pt nanocomposite to produce methane from waste CO2
Delia Teresa Sponza, Dokuz Eylül University, Turkey

Network & Refreshment Break 11:10-11:30

11:30-12:00
Title: Circular economy: New opportunities in sustainable nano materials and polymer bio-nanocomposites
Sabu Thomas, Mahatma Gandhi University, India

12:00-12:30
Title: Nanocellulose: from fundamentals to advanced materials
R.Ahmed Ilyas, University of Technology Malaysia, Malaysia

12:30-13:00
Title: Green synthesis of selenium nanoparticles and evaluate their effect on the expression of ERG3, ERG11, and FKS1 antifungal resistance genes in Candida albicans and Candida glabrata
Mahdi Hosseini Bafghi, Mashhad University of Medical Sciences, Iran

13:00-13:30
Title: Biosynthesis of selenium nanoparticles by Aspergillus flavus and Candida albicans for antifungal applications
Mohammadali Ghanbarinahzagh, Mashhad University of Medical Sciences, Iran

Lunch Break 13:30-14:15

14:15-14:45
Title: Light-Emitting Diodes: As external stimulus for plant-mediated biosynthesis and biological activities of silver nanoparticles
Sumaira Anjum, Kinnaird College for Women, Pakistan

14:45-15:15 **Title: Synthesis and experimental investigation of effects of iron-titanium oxide nanoparticles on rheology and filtration of water-based drilling fluids**
Samad Sabbaghi, Shiraz University, Iran

15:15-15:45 **Title: Wave scattering by many small particles and applications.**
Alexander G. Ramm, Kansas State University, USA

15:45-16:15 **Title: Synthesis of carbon nanoparticles from hydrocarbon by thermal plasma torch**
Mohsen Moayedi, Islamic Azad University Science and Research Branch, Iran

Network & Refreshment Break 16:15-16:30

16:30-17:00 **Title: Nanomaterials for waste water treatment using advanced oxidation process**
Ajay Kumar Mishra, KIIT Deemed University, India

17:00-17:30 **Title: Combination of photothermal, prodrug and tumor cell camouflage technologies for triple-negative breast cancer treatment**
Xiaodong Ma, Åbo Akademi University, Finland

Awards & Closing Ceremony