20th International Conference on

Advanced Materials Science and Nanotechnology

August 27-28, 2018 Dubai, UAE

Day 1 August 27, 2018

Hall

Registrations

Opening Ceremony

Keynote Forum

Title: Improved Low-Pt Loading Electrode Performance and Durability Through Catalyst Layer Design and Application

Radenka Maric, University of Connecticut, USA

1 Keynote Speaker Slot Available

Networking & Refreshments 10:00-10:15

Session Introduction

Title: Carbon Nanotubes Grown in situ on Graphene Nanosheets as Efficient Sulfur Host for Lithium-Sulfur Batteries

Yongsheng Fu, Nanjing University of Science & Technology, China

Title: Synthesis and Investigation of Process Parameters Influence in LENS Additive Manufacturing of Ti-6Al-4V Components

Percival Nduduzo Sibisi, Tshwane University of Technology, South Africa

Title: Correlation between the band gaps of the transition metal oxides and their photo-catalytic activity and bactericidal efficiency in abating the waste water pollutants

Koyar Sanlo Rane, Rani Channamma University, India

Title: Nanoporous Ag-Au Bimetallic Triangles Synthesized by Galvanic Replacement for Plasmonic Applications

Hongmei Qian, West Anhui University, China

Lunch Break

Session Introduction

Title: Modification of cotton fibers with magnetic core-shell mesoporous silica nanoparticles

David Patiño, University of Cartagena, Colombia

Title: Improved Photocatalytic properties of PbS Nanocomposites prepared by Displacement Method for degrading Janus green B Dye

Amanullakhan A. Pathan, Hemchandracharya North Gujarat University, India

Networking & Refreshments

Title: Anti-MRSA and cytotoxic activity of Bio-silver nanoparticles using haloalkalophilic actinobacterial strain Streptomyces chromofuscus

Paras B. Dayma, Hemchandracharya North Gujarat University, India

Title: Specification of optimum parameters in the machining of areospace materials

Abdullah ALTIN, Yuzuncu Yil University, Turkey

5 Speaker Slots Available

Panel Discussion

Day 2 August 28, 2018

Hall

Keynote Forum

Introduction

Title: P3HT: Nano Si hybrid solar cells for enhanced light trapping and Power conversion efficiency

V. Rajendran, Centre for Nanoscience and Technology, India

1 Keynote Speaker Slot Available

Networking & Refreshment Break

Session Introduction

Title: Graphene Oxide–MnO2 Nanocomposites for Supercapacitors

Qiaofeng Han, Nanjing University of Science and Technology, Ministry of Education, China

Title: The Use of Green Synthesized Silver Nanoparticles on Leather

Kashif Ahmed, N.E.D. University of Engineering and Technology, Pakistan

Title: Fabrication of Polymer matrix Composite Membranes incorporated with oxidized multiwalled carbon nanotubes to Remove Heavy Metal ions from Textile Industry Waste Water

Rizwana Shami, Forman Christian College, Pakistan

Title: Effect of normal load and sliding speed on dry sliding wear and friction properties of germanium doped borosilicate glass ceramic

S. S. Gautam, North Eastern Regional Institute of Science and Technology, India

Lunch Break

Title: Nonlinear Optical Properties and Analysis of IR and Raman Spectra of Delafossite CuGaO2: An ab initio Study

Hassan Isah, Hassan Isah, Nigeria

Title:Biogenic gold nanoparticles synthesized from bark extract of Bauhinia Veriegata: *In Vitro* anticancer study against MCF-7 Breast Cancer and antibacterial application

Hiral Vaghela, Hemchandracharya North Gujarat University, India

Networking & Refreshment Break

Title: High Corrosion Resistance Offered by Multi-Walled Carbon Nanotubes Directly Grown Over Mild Steel Substrate

Sweety Arora, Indian Institute of Science, India

Title: Tribo-mechanical and Corrosion Resistance Properties of Electrocodeposited Zn-TiO2/ WO3-ZnO-SnO2 Nano composite Coatings

A. A. Daniyan, Obafemi Awolowo University Ile-Ife, Nigeria

3 Speakers Slots Available

Panel Discussion