Scientific Program

PULSUS
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35 YEARS IN ASSESING THE IMPACT OF HEALTHCARE RESEARCH

Opening Ceremony
09:00-09:15

December 13, 2021 (Monday)

Introduction 09:00-09:15

Keynote Forum

09:15-10:00

Title: Thermomechanical and Thermoresponsive Reactions Governing Reversibility in Shape Memory Alloys

Osman Adiguzel, Firat University, Turkey

10:00 -10:45

Title: Quantitative analysis of phosphorus in phosphogypsum-waste using CF-LIBS

Walid Tawfik, Cairo University, Egypt

10:45 -11:30

Title: Design & Development of Graphene-based Materials for Electrocatalytic Application

Shrikant Maktedar, National Institute of Technology, India

11:30 -12:15

Title: Geothermal Energy for Refrigeration and Air Conditioning, Sustainable Development, and the Environment

Abdeen Mustafa Omer, Energy Research Institute (ERI), United Kingdom

Networking & Refreshments 12:15-12:30

Session Introduction: Materials Chemistry | Biomaterials | Nanomedicine | Materials Science and Engineering

Session Chair: Osman Adiguzel | Firat University | Turkey
Session Co-Chair: Walid Tawfik | Cairo University | Egypt

12:30 -13:00

Title: Method for manufacture photocurable hydroxyapatite slurry that can be applied into stereolithography and physical evaluation according to scaffolds structure

Jin-Ho Kang | Chonnam National University | South korea

13:00-13:30

Title: Optimization of the electrical conductivity of copper phthalocyanine for the formulation of a conductive ink applicable by screen printing on textile materials

Mohamed Tahiri, University of Hassan II Casablanca, Morocco

Lunch Break 13:30-14:00

Session Introduction: Smart Materials | Nanomaterials | Nanochemistry | Nanotechnology for Energy and Environmental Applications

14:00-14:30

Title: Overview of the Advantages and Disadvantages of Different Mucosal Sites for the Delivery of Nanoparticles

Nashwa Osman, Liverpool John Moores University, United Kingdom

14:30-15:00

Title: Education and their relationship to contemporary trends in the field of international recruiting

Albu Adina-victoria, University of Oradea, Romania

15:00-15:30

Title: Synthesis of Nanomaterials by Laser Ablation for Water Applications

Hisham M Imam, Cairo University, Egypt

15:30-16:00

Title: The effect of the growth condition on the structure and the physical properties of Gd- doped Ti Co ferrite thin films via Pulsed Laser Deposition (PLD)

Mohamed A Hafez, Cairo University, Egypt

16:00-16:30

Title: Properties of torsion rod in "SULZER" projectile Loom

Dmitry Pirogov, Ivanovo State Polytechnic University, Russia

Networking & Refreshments 16:30:-16:45

16:45-17:15

Title: New nanotechnologies for Energy saving and Resiliency of the Built Environment

Umberto Berardi, Ryerson University, Canada

17:15-17:45

Title: Sustainable textiles industries in brand technology between technologies of brands

Elsayed Ahmed, Kaferelsheikh University, Egypt

17:45-18:15

Title: Microfluidics-Prepared Uniform Conjugated Polymer Nanoparticles for Photo-Triggered Immune Microenvironment Modulation and Cancer Therapy

Eshu Middha, National University of Singapore, Singapore

Poster Presentation

18:15:-18:30

Title: Modulation of Conductivity of Alginate Hydrogels Containing Reduced Graphene Oxide through the Addition of Proteins

Ahmed Raslan, University of the Basque Country, Germany

18:30-18:45

Title: Environmental protection by recovery of lead from waste lead-acid batteries in the form of nanosized lead-oxide powders

Mariela Dimitrova, Bulgarian Academy of Sciences, Bulgaria

Award Presentations & Closing Ceremony