



Proceedings of
23rd International Conference on
**Advanced Materials
& Nanotechnology**
August 19-20, 2019 Tokyo, Japan

CONFERENCE SERIES LLC LTD

47 Churchfield Road, London, W3 6AY, UK

  +44-203-7690-972

Email: advancedmaterials@asiameets.com
sponsorship@conferenceint.org

Day 1 August 19, 2019

08:00-08:30 Registrations

Conference Hall

conferenceseries.com

08:30-09:00 Opening Ceremony

09:00-09:05 Introduction

Keynote

09:05-10:05 **Title: Sustained drug release scaffolds as bone implants**
Amany A Mostafa, National Research Centre, Egypt

Group Photo

Networking and Refreshments Break: 10:05-11:15

11:15-11:45 **Title: Tunable Fluorescence Anisotropy Of Lead Halide Perovskite Nanorods By Anion Exchange**
Tetiana Dudka, Shanghai University, China

Session: Advanced Materials and Functional Devices | Engineering Materials | Composite Materials | Magnetism & Multiferroism | Optical Materials and Plasmonics | Energy and Harvesting Materials | Nanotechnology-Basics to Applications | Nano Materials | Nano Structures | Properties of Nano Materials | Carbon Nanostructures and Graphene | Spintronics | Nanoparticle Synthesis and Applications

Session Introduction

Session Chair: Tsu-Hsun Hou, National Sun Yat-Sen University, Taiwan

Session Co-Chair: Kai-Chi Chang, National Sun Yat-sen University, Taiwan

12:15-12:45 **Title: The unit cell prediction of two-dimensional supramolecule by STUN-BH-DMD method and molecular dynamics simulation**
Tsu-Hsun Hou, National Sun Yat-Sen University, Taiwan

Lunch Break: 12:45-13:45 @ Restaurant

13:45-14:10 **Title: Prediction of mechanical, thermodynamic and chemical properties of Al-Nb-Ta-Ti-Zr-Mo high-entropy alloys by simulation process**
Kai-Chi Chang, National Sun Yat-sen University, Taiwan

14:40-15:20 **Title: Predicting the most stable EpB/target molecule complex by stochastic tunneling-basin hopping-discrete molecular dynamics method**
Yu Sheng Lin, National Sun Yat-Sen University, Taiwan

Networking and Refreshments Break: 15:20-15:40

15:40-16:10 **Title: Fluorescent Carbon Dots Based Ratiometric Ph Sensor For Direct Detection Of Escherichia Coli O157: H7**
Qiaoli Yang, Huazhong University of Science and Technology, China

Poster Presentations @ 16:10-16:40

AM-001 **Title: Structural investigation of Si nanoparticles-carbon nanofiber composite as flexible anode for high-rate lithium-ion batteries**
Vahide Ghanooni Ahmadabadi, Ferdowsi University of Mashhad, Iran

AM-002 **Title: Impact of Grain size on Failure of AZ31 magnesium alloy**
Seyed Hadi Mohamadi Azghandi, University of Mashhad, Iran

Awards and Closing Ceremony

Panel Discussions

Day 2 August 20, 2019

Lunch Break: 12:00-13:00 @ Restaurant