Meetings International

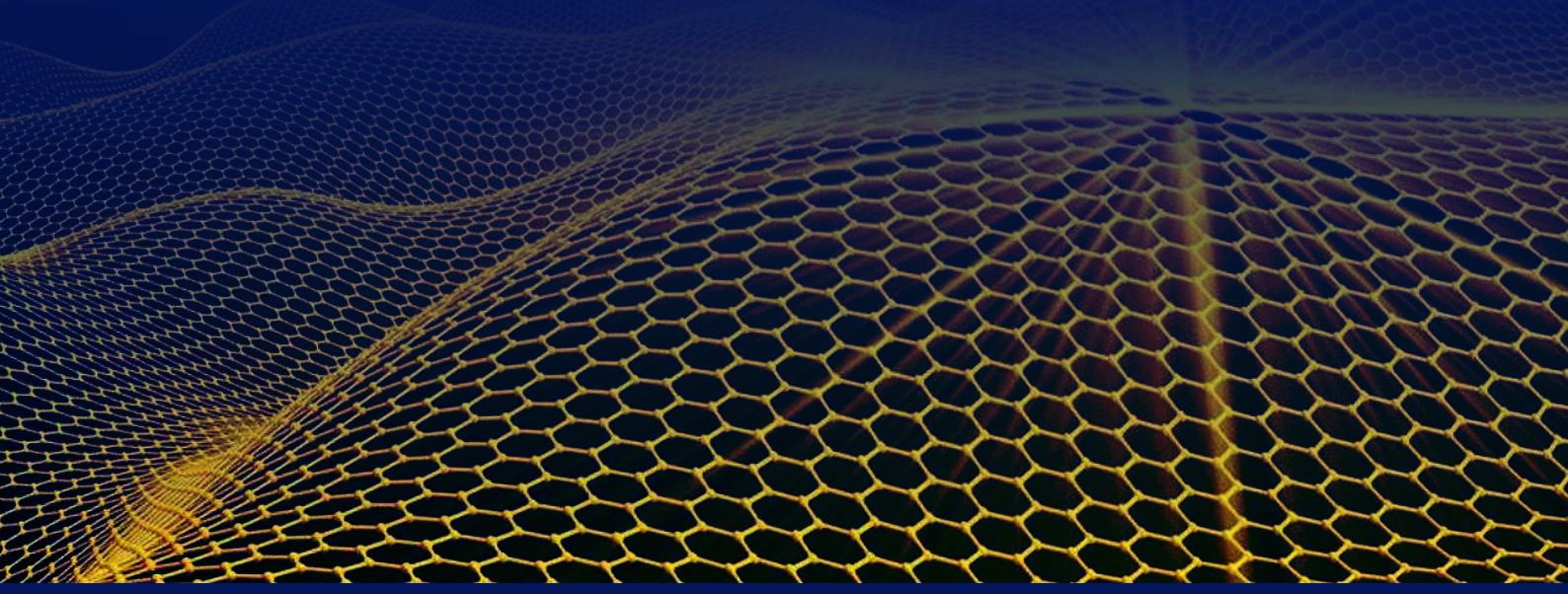
Scientific Program

NANOMATERIALS MEETINGS 2017

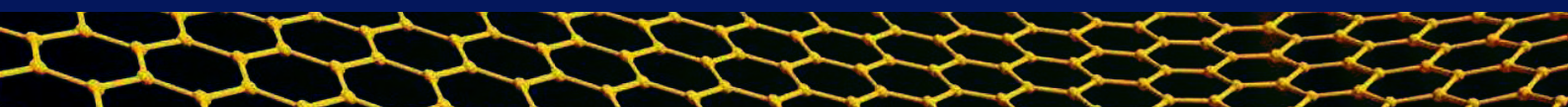
International Meeting on

Advanced Nanomaterials and Nanotechnology

November 07-08, 2017 Singapore



Contact Us: Meetings International PTE LTD.
28 Maxwell Road, #03-05 Red Dot Traffic, Singapore-069120
Toll Free No. 800-101-2526
Email: nanomaterials@nanomeetings.com | nanomaterials@engineeringmeeting.com



Scientific Program

Meetings International

Registrations
08:45-09:15

Opening Ceremony
09:15-9:30

Day 1 November 07, 2017

Seletar Room 1, Level 3

Keynote Forum

Introduction

09:30-10:15
Title: Rubber-like shape memory polymer programmable at body/room temperature: Features and applications in comfort fitting
Wei Min Huang, Nanyang Technological University, Singapore

10:15-11:00
Title: Convergence of biological and electronics materials for bioelectronic platforms
Shweta Agarwala, Nanyang Technological University, Singapore

Group Photo & Refreshment Break 11:00-11:15 @ Seletar Foyer

11:15-12:00
Title: Ultrahigh responsivity near infrared photo detectors based on single semiconductor nanowires
A K Raychaudhuri, S. N. Bose National Centre for Basic Sciences, India

Special Session

12:00-13:00
Title: Integration of quantum dots photo-sensor with quantum dots LED
Wei Lei, Southeast University, China

Lunch Break 13:00-14:00 @ Atrium Restaurant

Sessions:
Nano Bio materials | Advanced Nano Materials | Nano Particles and Nano Structure | Nano Chemistry | Nano Photonics | Nano Biotechnology | Nano Ethics | Nano Market

Session Chair: Shweta Agarwala, Nanyang Technological University, Singapore

Session Introduction

14:00-14:30
Title: Facile synthesis of Ag and Ag-CuO nanoparticles using aqueous extracts of *Mimosa pigra* and their catalytic activities in the degradation of some common pollutants
Elias E Elemike, North West University, South Africa

14:30-15:00
Title: Engineering at the nanoscale: A strategy for developing high performance functional materials
Sabu Thomas, Indian Institute of Technology Kharagpur, India

15:00-15:30
Title: pH-responsive Doxorubicin-loaded cockle shell-derived nanoparticles: Release kinetics and pharmacokinetics in canine
Danmaigoro Abubakar, Universiti Putra Malaysia, Malaysia

15:30-16:00
Title: Electrochemical properties of nanoporous based materials doped with metal oxide nanoparticles for potential application as sensors
Omolola Esther Fayemi, North-West University, South Africa

Panel Discussions

Networking and Refreshments Break 16:00-16:15 @ Seletar Foyer

Day 2 November 08, 2017

Seletar Room 1, Level 3

Keynote Forum

09:15-10:00 **Title : Luminescence in nanosized vanadate phosphor**

K N Shinde, Neelkanthrao Shinde Science and Arts College, India

Sessions:

Nano composites | Nano Sensors | Carbon Nano Tubes | Nano Electronics | Nano Tribology | Nano Pollution and Nano Toxicology | Nano Applications | Nano Biotechnology | Nano Ethics | Nano Market

Session Chair: A K Raychaudhuri, S. N. Bose National Centre for Basic Sciences, India

Session Introduction

10:00-10:30 **Title: Environmental friendly superabsorbent polymers (SAPs) based on cellulose nanofibers (CNFs)**

Seyed Rahman Djafari Petroudy, Shahid Beheshti University, Iran

10:30-11:00 **Title: A simplistic two-step route to synthesize titanium dioxide structures and their application as humidity and ethanol vapor sensors**

Rupali Nagar, Symbiosis International University, India

Networking and Refreshments Break 11:00-11:15 @ Seletar Foyer

Young Research Forum

11:15-11:45 **Title: Enhanced thermal stability and electrical characteristics of sputtered Pt thin film for low temperature solid oxide fuel cells**

Kang-Yu Liu, Nanyang Technological University, Singapore

11:45-12:15 **Title: Nano-fabrication of metal/heterometal oxides nanostructures using sol-gel process**

Ajay Saini, Manipal University Jaipur, India

12:15-12:45 **Title: Mechanical and thermal characteristics of solvent blended EPDM/neoprene clay nanocomposites: A comparative study**

S Ginil Mon, Nesamony Memorial Christian College, India

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

13:45-14:15 **Title: Therapeutic natural lipid nanoformulation rectifies molecular parameters of critical-inflammation pathogenesis**

Debjyoti Paul, Bose Institute, India

14:15-14:45 **Title: Overview of nanotechnology applications with focusing about agricultural sector**

Zakaria Fouad Fawzy Hassan, National Research Centre, Egypt

14:45-15:15 **Title: Promising features of Au nanoparticles on near-infrared photoluminescence from Si/SiGe other than LSPR**

Zhenyang Zhong, Fudan University, China

Panel Discussions

Award and Closing Ceremony

Bookmark your dates

2ND INTERNATIONAL MEETING ON
ADVANCED NANOMATERIALS AND NANOTECHNOLOGY
SEPTEMBER 23 -24, 2018 DUBAI, UAE

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