

Annual Spring Conference and Expo on

# CHEMICAL ENGINEERING: FROM MATERIALS ENGINEERING TO NANOTECHNOLOGY

April 04-05, Miami, USA



Allied Academies Pte Ltd

85 Great Portland, St, Marylebone, London W1W 7LT, United Kingdom | Tel: 44 203 769 1755

# AGENDA

April 04, 2018

Registrations & Souvenir Distribution 08:00-09:45

**Conference Hall: Coconut Grove Ball Room**

**Opening Ceremony 09:45-10:00**

## KEYNOTE FORUM

10:00-10:45

**Title: Bioactive polymers and composite materials for use in medical and food packaging**

**Ibrahim Katampe, Central State University, USA**

**Coffee & Networking 10:45-11:05 @ Lower Atrium**

11:05-11:50

**Title: Assessing the biocompatibility and hemocompatibility of biomaterials**

**Norman Munroe, Florida International University, USA**

**Panel Discussions and Photo Session 11:50-12:00 @ Coconut Grove Ball Room**

## SPEAKER FORUM

Major Sessions:

Material Science and Engineering | Polymer Science and Technology | Regulations of Nanotechnology

**Chair: Johann Michael Koehler, Technical University of Ilmenau, Germany**

## Session Introduction

12:00-12:35 **Title: Microfluidic synthesis supply new insights into properties and behavior of metal and composite nanoparticles**

**Johann Michael Koehler, Technical University of Ilmenau, Germany**

12:35-13:10 **Title: Surface functionalization of nanotubes prepared by different means towards modification of their properties**

**Graham Dawson, Xi'an Jiaotong Liverpool University, China**

**Panel Discussion 13:10-13:20**

**Lunch 13:20-14:20 @ Lower Atrium**

14:20-14:55 **Title: Engineering of semiconductor quantum dots for light emitting applications**  
**Raffaella Signorini, University of Padova, Italy**

14:55-15:30 **Title: Effect of surface properties of the UV laser irradiated steel cords on adhesion**  
**Satilmis Basan, Hittite University, Turkey**

## YOUNG RESEARCH FORUM

15:30-15:55 **Title: Photoinduced bending of azobenzene-based [2] pseudorotaxane crystals**  
**Shao-Chi Cheng, National Tsing-Hua University, Taiwan**

**Panel Discussion 15:55-16:05**

**Coffee & Networking 16:05-16:30 @ Lower Atrium**

## Video Presentations

16:30-16:50 **Title: Eco-Design of integrate system of drying and separating of olive residues in olive oil industry**

**Abdellatif Lajdel, Universite Hassan II Casablanca, Morocco**

16:50-17:10 **Title: Biopolymers-based active edible coatings to improve quality and safety of food products**

**Elena Poverenov, Agricultural Research Organization The Volcani Center, Israel**

**Day 1 Concludes...**



April 05, 2018

Conference Hall: Coconut Grove Ball Room

**KEYNOTE FORUM**

09:30-10:15

**Title: Materials Science & Engineering for Carbon dioxide (CO<sub>2</sub>) utilization**  
SU-II In, Daegu Gyeongbuk Institute of Science and Technology, South Korea

**Interactive Session with SU-II In from 10:15-10:45**

**Group Photo**

**Coffee & Networking 10:45-11:05 @ Lower Atrium**

**SPEAKER FORUM**

Major Sessions:

Biochemical and Reaction Engineering | Polymer Science and Technology

**Session Introduction**

11:05-12:40

**Title: Proposed link between the periodic table and the Standard Model**

**John Owen Roberts**, Independent Researcher, England

12:40-13:15

**Title: Concurrent energy harvesting and charge storage using conducting polymer composites**

**Arash Takshi**, University of South Florida, USA

**Panel Discussion & Awards Ceremony 13:15-13:45**

**Lunch Break @ Lower Atrium 13:45 onwards...**

**Day 2 Concludes...**

