

Annual Spring Conference and Expo on

## **Chemical Engineering: From Materials Engineering to Nanotechnology**

Miami, Florida, USA      April 4-5, 2018



**Theme:** Bridging the Gap between Materials and Nano Sciences through Chemical Engineering

# Organizing Committee



**Ibrahim  
Katampe**



**Miroslaw  
Kwiatkowski**



**Nikolaos  
Labrou**



**Walid M  
Daoush**

# Supporting Journals



**Note: This is a tentative schedule. The names and timings will be subjected to change till the conference dates**

## Keynote Sessions

	<b>Title:</b> Bioactive polymers and composite materials for use in medical and food packaging
	<b>Ibrahim Katampe</b> , Central State University, USA
	<b>Title:</b> Assessing the biocompatibility and hemocompatibility of biomaterials
	<b>Norman Munroe</b> , Florida International University, USA

## Coffee Break | Networking

	<b>Title:</b> Materials science & engineering for carbon dioxide (CO <sub>2</sub> ) utilization
	<b>SU-IL IN</b> , Daegu Gyeongbuk Institute of Science and Technology, South Korea
	<b>Title:</b> The role of science in developing enhanced oil & gas resources, being environmentally sound and protecting water use
	<b>Davis L. Ford</b> , University of Texas, USA

## Panel Discussions

## Speaker Sessions

<b>Chair</b>	Yet to be decided
	<b>Title:</b> Surface functionalization of nanotubes prepared by different means towards modification of their properties
	<b>Graham Dawson</b> , Xi'an Jiaotong Liverpool University, China

	<b>Title:</b> Engineering of semiconductor quantum dots for light emitting applications
	<b>Raffaella Signorini</b> , University of Padova, Italy
	<b>Title:</b> Effect of surface properties of the UV laser irradiated steel cords on adhesion
	<b>Satilmis Basan</b> , Hittite University, Turkey
	<b>Title:</b> Proposed link between the periodic table and the standard model
	<b>John Owen Roberts</b> , Independent Researcher, England
	<b>Title:</b> Microfluidic synthesis supply new insights into properties and behavior of metal and composite nanoparticles
	<b>Johann Michael Köhler</b> , Technical University of Ilmenau, Germany
	<b>Title:</b> Photoinduced bending of azobenzene-based [2]pseudorotaxane crystals
	<b>Shao-Chi Cheng</b> , National Tsing-Hua University, Taiwan
	<b>Title:</b> Synthesis and characterization of emulsion polymerized polyaniline doped with DBSA
	<b>Alok Gupta</b> , Malaviya National Institute of Technology, India
	<b>Title:</b> Concurrent energy harvesting and charge storage using conducting polymer composites
	<b>Arash Takshi</b> , University of South Florida, USA
	<b>Title:</b> Enhancing dissolved oxygen and biofilm formation in municipal wastewater treatment systems using magnetic air stone
	<b>Lin Shanshan</b> , Northeast Normal University, China
	<b>Title:</b> Magnetic ferrite nanoparticles and colloidal super particles as platforms for diagnosis and therapy
	<b>C. Dendrinou-Samara</b> , Aristotle University of Thessaloniki, Greece

## Call for Abstracts

Biochemical and Reaction  
Engineering  
Chemical Weapons and its Impact  
Sustainable Engineering  
Material Science and Engineering  
Polymer Science and Technology  
Biomaterials and Medical Devices  
Nanotechnology and  
Nanoengineering  
Nanomedicine and Drug Delivery  
Regulations of Nanotechnology  
Advancements in Technology

## Important Deadlines

**Abstract Submission:** March 15,  
2018

**Registration:** April 04, 2018

## Venue Information

### Embassy Suites by Hilton

Miami International Airport  
3974 NW South River Drive  
Miami FL 33142

## Venue Attractions

