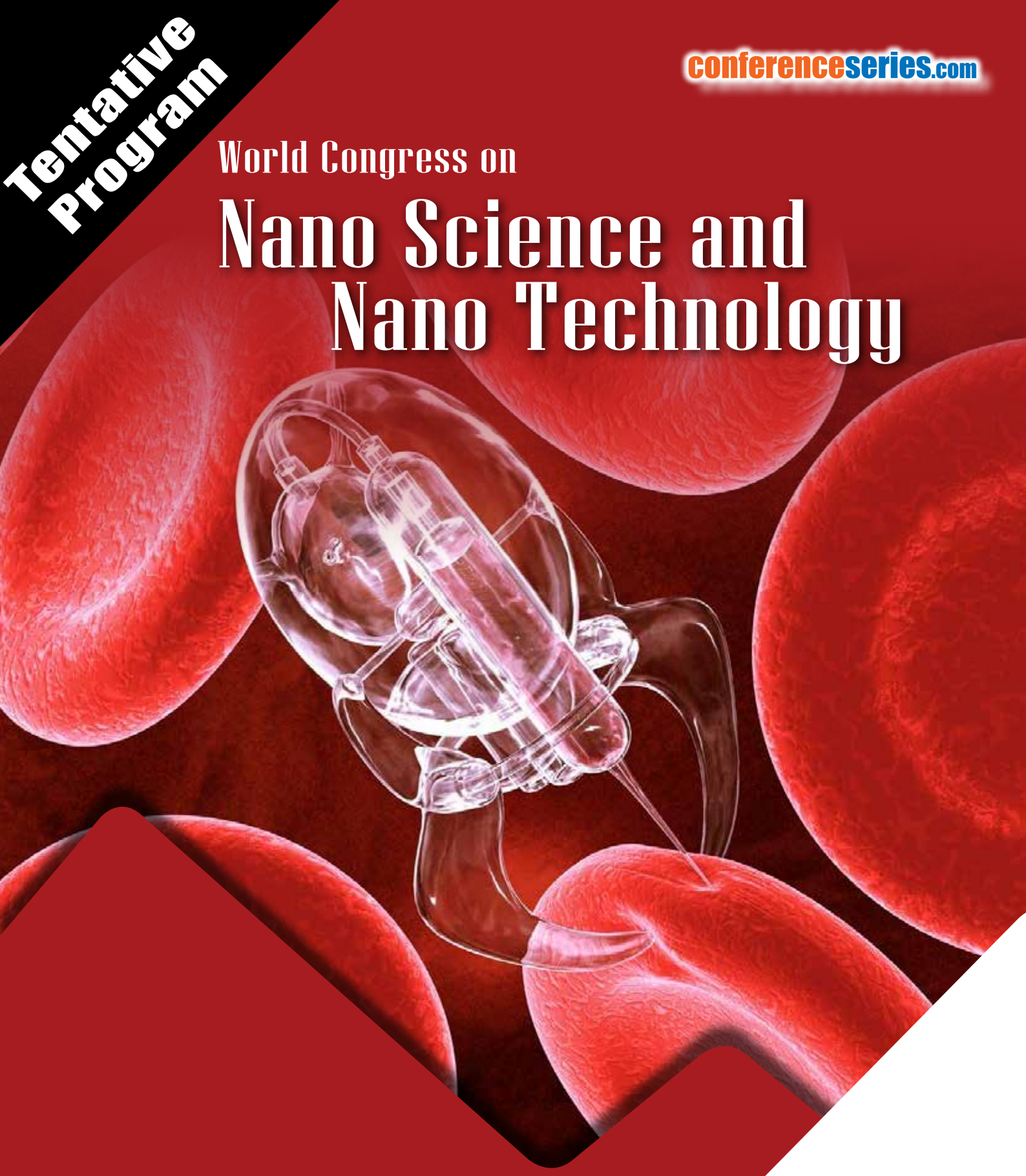
Tentative Program

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World Congress on

Nano Science and Nano Technology



Dubai, UAE

October 16-17, 2017

Asia pacific Nano Congress 2017

http://nanoscience.conferenceseries.com

Welcome Note



Dear Colleagues,

Being a Keynote, it is my great honor and pleasure to invite you to participate in the 1st International Conference on Nano science and Nanotechnology to be held in Dubai, UAE, on 16 – 17 October, 2017.

Asia Pacific Nano Congress 2017 brings together domain experts, researchers, scientist, Professors, industry representatives, postdoctoral fellows, and students from around the world, providing them with the opportunity to report, share, and discuss scientific questions, achievements, and challenges in this field.

One of our aim is to generate new investigations and collaboration between scientists. We also are very interested to welcome students and postdoctoral researchers in order to provide them the opportunity to show their investigations about Nano Congress.

Examples of the diverse Nano science and Nanotechnology topics that will be covered in this comprehensive conference include Nano Engineering: Progress and Prospects, Advanced Nano Materials and Nanoparticles, Nano Bio Materials, Molecular Nanotechnology, Nano toxicology, Nano Electronics and Microsystems, Nano Chemistry, Applications of Nanotechnology, Computational Nanotechnology, Nano technology in Energy and Environment, Nano Biotechnology, Nanotechnology in Waste water treatment, Nano Medicine, Nano Robotics, Nano weapons and Nano Market.

In Asia Pacific Nano Congress 2017, you will be able to share experiences and research results, discuss challenges encountered and solutions adopted and have opportunities to establish productive new academic and industry research collaborations.

We hope that this conference will be productive and satisfying. Personally, I hope that you have a very enjoyable and entertaining stay here, in Dubai, UAE.

Dr. Nikolaus Stolterfoht

Emeritus from Helmholtz-Zentrum Berlin, Germany

HZB Helmholtz Zentrum Berlin



Asia pacific Nano Congress 2017

Welcome Note



Dear Colleagues, Partners, Scientists and Friends,

Being an OCM, it is my great honor and pleasure to invite you to participate in the "1st International Conference on Nano science and Nanotechnology" to be held in Dubai, UAE, on 16 – 17 October, 2017.

Asia Pacific Nano Congress 2017 brings together researchers, scientist, Professors, industry representatives and students from the world, to report and discuss scientific questions, achievements, and challenges in this field.

One of our aims is to generate new networks and collaboration between scientists from different countries. We also are very interested to welcome students and postdoctoral researchers in order to provide them the opportunity to show their results related to nanotechnology.

The conference will covered Nano science and Nanotechnology topics including : Nano Engineering: Nano Materials and Nanoparticles, Nano Bio Materials, Molecular Nanotechnology, Nano toxicology, Nano Electronics and Microsystems.

In Asia Pacific Nano Congress 2017, you will be able to share experiences and research results, discuss challenges encountered and solutions adopted and have opportunities to establish productive new academic and industry research collaborations.

We hope that this conference will be productive and satisfying. Personally, I hope that you have a very enjoyable and entertaining stay here, in Dubai, UAE.



Prof. Adnane Abdelghani
National Institute of Applied Science and Technology
University of Carthage, Tunisia

Université de Carthage
University of Carthage
جامعة قرطاج



Asia pacific Nano Congress 2017

Tentative Program

Day 1 October 16, 2017

Registration

Opening Ceremony

Keynote Forum

Title: Mechanical microscopy of residual strains at the human dentine-enamel junction (DEJ)

Dr. Alexander M. Korsunsky, University of Oxford, United Kingdom

Title: Structuring of chalcogenide glasses spin coated thin layers

Dr. M. Vlcek, University of Pardubice, Czech Republic

Title: Nanoporous materials in wastewater treatment: How to improve their retention performance towards ionic pollutants in multi-component aqueous streams?

Dr. Jerzy Zajac, Université de Montpellier, France

Title: LOW COST HIGH EFFICIENCY CONVERSION OF SUNLIGHT TO ELECTRICITY

Dr. Dieter M. Gruen, Dimerond Technologies LLC, USA

Keynote Slot Available

Special session

Title: Unusual ferromagnetism at nanoscale due to surface-spin-reorientation

Dr. B. Das University of Nebraska, Lincoln, USA

Lunch Break

Scientific session

Title: Progress in green energies, sustainable development and the environment

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

Title: Autonomous self-powered and self-calibrated Microsystems for IoT applications

Dr. Amine Bermak, Hamad Bin Khalifa University, Qatar

Title: Green synthesis of metal nanoparticles via microemulsions

Dr. Riny Yolandha Parapat, Itenas Bandung-TU Berlin ,Germany

Title: Robust Resistive Memory Devices Based on Solution Processable Metal Co-ordinated Azo-aromatics

Dr. Jens Martin, National University of Singapore, Singapore

Title: Nanotechnology in design of screen-printed sensors and biosensors for environmental and clinical applications

Dr. Marek Trojanowicz, University of Warsaw, Poland

Title: The effect of synthesis conditions on enzymatic activity of metal ion incorporated enzyme based hybrid nanoflowers

Dr.Nalan Özdemir, Erciyes University, TURKEY

Title: Nanomaterials for 3rd generation Sensitized Solar Cells

Dr. Basma EL Zein, University of Business and Technology (UBT), Jeddah, Saudi Arabia

Title: Development of organic and inorganic nanoparticles and their subsequent application in nanocomposites for food and non-food packaging systems

Dr. D.C. Saxena , Sant Longowal Institute of Engg. & Technology, India

Title: The importance of nanoarchitecture in advanced high performance heterogeneous catalysts

Dr. Mike S Scurrell, University of South Africa, Florida, South Africa

Title: Key Mental Health Priorities for Men in Dubai, 2017 – Quantitative and qualitative approach

Dr.Kadhim Alabady, Dubai Health Authority, UAE

Coffee Break

Scientific session

Dr. Peng-Sheng Wei, National Sun Yat-Sen University, Kaohsiung, Taiwan

Title: Control of Mesoporous Silica Nanoparticles physicochemical properties through control of synthetic parameter using Box-Behnken design

Title: Single-molecule fluorescence enhancement by gold nanorods: an application to electrochemistry
Dr. M. Caldarola, Leiden University, Netherlands
Title: The effects of wave characteristics on energy generation during additive manufacturing
Dr. Mpho P Ngoepe, Rhodes University, South Africa
Title: Advancements in the field of perovskite solar cell
Dr. Shashi Bhushan Rana, Guru Nanak Dev University, India
Title: Insecticidal properties of nanoencapsulated essential oil extracted from Artemisia sieberi on Xanthogaleruca luteola
Ms. Maryam Vahabi, Tarbiat Modares University, Iran
Title: Nanomaterials and Polymer Nanocomposites for Multifunctional Applications
Dr. Milind V. Kulkarni, Centre for Materials for Electronics Technology (C-MET), Pune, INDIA

Day 2 October 17, 2017

Keynote Forum

Title: Guiding of highly charged ions through nanocapillaries in insulating materials: milestones in experiments and simulations
Dr. Nikolaus Stolterfoht, Helmholtz-Zentrum Berlin, Germany
Title: Challenges to nanoscience and nanotechnology: intriguing nanosize effect and nanotime effect
Dr. Xianfang Zhu, Xiamen University, China
Title: Biosensors for Biomarkers Detection
DR. Adnane Abdelghani, Carthage University, Tunisia
Title: Large area growth of vertically aligned luminescent MoS2 nanosheets as potential candidate for catalysis and bio-sensing
Dr. Mustapha Jouiad, Masdar Institute of Science & Technology, UAE

Coffee Break

Scientific session

Title: Synthesis of Starch Nanoparticles by acid hydrolysis alone and coupled with other technique and their subsequent characterization and utilization
Ms. Mamta Bhardwaj, Sant Longowal Institute of Engineering & Technology, India
Title: Modern Trends in Nanoscience Based Smart Nanotechnology in Switchable Device
Dr. Kaushik Pal, Wuhan University, Republic of China
Title: Competition for Grb2 recruitment between EphA2 and EGFR during ligand activation
Dr. Dongmyung Oh, National University of Singapore, Singapore
Title: Biocompatible multifunctional magnetic nanoparticles for possible applications in nanomedicine
Ms. Silvia Villa, University of Genoa, Italy
Title: Hybrid Carbaneous nanomaterials composites to enhance the performance of grinding/Cutting fluids
Dr. S Balaji, BHARAT FORGE LIMITED, PUNE, INDIA
Title: 1D Carbonaceous Hybrid Noble Nanometal Core-shell Composite for Battery Grids to Enhance the Performance of Lead Acid Batteries
Dr. Sujatha Pushpakanth, BHARAT FORGE LIMITED, PUNE, INDIA
Title: Synthesis of Pd-Pt / V2O5 nanocatalyst for exhaust gas elimination
Ms. Yumna Khan, BHARAT FORGE LIMITED, PUNE, INDIA
Title: Synthesis and characterisation of TiN NWs towards neural electrode application
Ms. R. A. Sait, Emerging Technologies Research Centre, UK

Lunch Break

Scientific session

Title: ALD versus non-ALD nanomaterials for low-power charge trapping memory devices
Dr. Ammar Nayfeh, Masdar Institute of Science and Technology, Abu Dhabi, UAE
Title: Surface structure in nanoscaled solids; The influence on physical and technological effects
Dr. Mustafa S Omar, University of Salahaddin, Iraq
Title: PGM nano-particles & hybrid nano-composites by Gamma radiolysis/EISA
Ms. T Cele, University of South Africa (UNISA), South Africa
Title: Investigating of (NANO-ChiCo) drug include Solid Lipid Nanoparticles and E,laciniata, C,Longa on the inflammatory diseases
Dr. Akbar Vaseghi, Islamic Azad University, Iran
Title: A new generation of drug delivery systems based on ginsenoside Rh2-, Lysine- and Arginine-treated highly porous graphene for improving anticancer activity
Dr. Hadi Zare-Zardini, Shahid Sadoughi University of Medical Sciences, Iran

Title: ZnO Synthesis Using Wet chemical growth with various nanostructures
Dr. Haythem S Basheer, University of Bahri, Sudan
Title: Induction of apoptosis in HeLa and MCF-7 cells by Selenium nanoparticles
Dr. Anil Parsram Bidkar, IIT Guwahati, India
Title: Transition metal oxide nanostructures and their novel properties
Dr. Kalyan Mandal, S. N. Bose National Centre for Basic Sciences, India
Title: Investigation of electrospun urchin-like V2O3 -CNF composite nanostructure for vanadium redox flow battery application
Dr. A. Di Blasi, CNR- ITAE- Italy , Italy

Coffee Break

Scientific session

Title: Melon mediated green synthesis of silver nanoparticles for pollutants degradation
Dr. Muhammad Ismail, Kohat University of Science & Technology, Pakistan
Title:Ligand Appended Engineered Nanomedicines for Solid Tumor Targeted solid tumor drug delivery Chemotherapy
Dr. Vikas Sharma, Delhi Pharmaceutical Sciences and Research University, India
Title: Cyclic peptide anchored PEGylayed PLGA based polymeric nanoparticles for controlled and targeted anticancer drug delivery
Dr. Madhu Gupta, Delhi Pharmaceutical Sciences and Research University, India
Title: NANOCOMPOSITE BASED SUSTAINED RELEASE MATRICES FOR IMPROVEMENT IN BIOAVAILABILITY OF ANTIDIABETIC DRUG
Dr. Geeta Aggarwal, Delhi Pharmaceutical Sciences and Research University, India
Title: Nano Dispersions for Rubber Compounding : Optimization of Process Parameters
Dr. Siby Varghese, Rubber Research Institute of India, India
Title: Preparation and Characterization of Polyaniline/ZnO Composite Sensor
Dr. Jyotsana Chauhan, NIIT University, India
Title: Chloramphenicol Biomimetic Molecularly Imprinted Beads for Selective Detection in Electrochemical Sensor
Ms. Ayesha Shaheen, National Institute for Biotechnology and Genetic Engineering, Pakistan
Title: Nano Safety in Food & Agriculture Sector for Underdeveloped Countries
Dr. Ch. Sanjay, GITAM University, India

Speaker Opportunity Available

Awards & Closing Ceremony



Contact us

conferenceseries.com

Important Dates

Abstract submission opens: November 01, 2016
Registration opens: November 01, 2016
Early bird registration: April 27, 2017
On spot registration: October 16, 2017



Venue

JW Marriott Hotel, Dubai
Abu Baker Al Siddique Road, Hamarain Centre
Deira | PO Box 16590
Dubai, UAE

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