TENTATIVE PROGRAM

INTERNATIONAL CONFERENCE ON NANOTECHNOLOGY FOR RENEWABLE MATERIALS



MARCH 18-19, 2019 **SINGAPORE CITY, SINGAPORE**

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Nano Materials 2019 Agenda	
Day 1 March 18, 2019	
09:30-10:30	Registration
Keynote Forum-1	
10:30-11:00	Title: Computer analysis of the porous structure of carbonaceous monoliths based on nitrogen, carbon dioxide and methane adsorption isotherms
	Miroslaw Kwiatkowski, AGH University of Science and Technology, Poland
Biography	Dr. hab. eng. Mirosław Kwiatkowski in 2004 obtained Ph.D. degree at the AGH University of Science and Technology in Kraków (Poland), and in 2018 D.Sc. degree at the Wrocław University of Technology (Poland).
Networking & Refreshment Break, 11:00-11:20	
11:20- 11:50	Title: Mechanochemical-assisted Synthesis of Ternary Sulfide Embedded in Carbon for Efficient Hydrogen Evolution reactionbioactivity
	Manoj Gupta, National University of Singapore, Singapore
Biography	Dr Manoj Gupta was a former Head of Materials Division of the Mechanical Engineering Department and Director designate of Materials Science and Engineering Initiative at NU S, Singapore. He did his Ph.D. from University of California, Irvine, USA (1992), and postdoctoral research at University of Alberta, Canada (1992).
11:50-12:20	Title: Electrical resistance of metallic and semiconductor nanowires
	Osman Adiguzel, Firat University, Turkey
Biography	Dr. Osman Adiguzel graduated from Department of Physics, Ankara University, Turkey in 1974 and received PhD- degree from Dicle University, Diyarbakir-Turkey.doctoral research scientist in 1986-1987, and his studies focused on shape memory alloys. He worked as research assistant, 1975-80, at Dicle University and shifted to Firat University in 1980. He became professor in 1996, and he has already been working as professor.
12:20:12:50	Title: Nanoplasmonic and composite photonic structures for biosensing, environmental and energy applications
	Ibrahim Abdulhalim, University of the Negev, Israel
Oral Session I	
Nano Biotechnology |Materials Science | Graphenes and 2D Materials | Nano Chemistry | Nanoengineering | Cancer Nanotechnology	
14:00-14:20	Title: Zinc oxide nanostructures grown p-Si electrodes for photo-electrochemical water oxidation
	Devika Mudusu,Sungkyunkwan University, South Korea
14:20-14:40	Title: Transition metal complexes/organometallic compounds as anticancer/anti HIV drugs in pharmaceutical industry
	Prakash Kinthada,at National Institute Of Medical Sciences(NIMS) University, India
14:40-15:00	Title: Ultrafast laser excitation of CO/Pd (111) Probed by Sum Frequency Generation (SFG): Pump laser energy effect on the induced CO photo-desorption
	Ridha Horchani, Sultan Qaboos University, Oman
15:00-15:20	Title: Chondroitin-4-sulfate based Nanocomposites in Wistar rat for Bone Degenerative Therapy
	Kavitha Kandiah, Peking University Beijing, China
15:20-15:40	X-ray Peak Profile Analysis and Optical Properties of CdS Nanoparticles Synthesized via the Hydrothermal Method
	M.S. Abd El-Sadek,King Saud University, Saudi Arabia
Networking & Refreshment Break, 15:40-16:00	
16:00-16:20	Title: Nanotechnology: facts to ponder
	Sharad Kumar Yadav, B 4 Veterinary University Mathura, India
16:20-16:40	Title: Effect of Technetium-99m Nanocolloid Nanoradiopharmaceuticals on Patients Internal Dose
	Ali Nabipour Chakoli, Nuclear Science and Technology Research Institute, Iran.
16:40-17:00	Title: Experimentation for Establishing a Harmless Mobile Phone Using Graphene
	Subir Kumar Sarkar, University of Calcutta, India
Day 2 March 19, 2019	
Keynote Forum - 1	
10:10-10:40	Title: Advances in Nano Materials: Prediction of Blood Glucose using FTIR Technique
	Soheli Farhana,University of Kuala Lumpur, Malaysia
Keynote Forum - 2	
10:40-11:00	Title: Nanomaterials as effective Adsorbents for removal of heavy metals from aqueous solutions
	E.KT. Sivakumar, Anna University, India
Networking & Refreshment Break, 11:00-11:20	
11:20-12:40	Title: Effect of Technetium-99m Nanocolloid Nanoradiopharmaceuticals on Patients Internal Dose
	Ali Nabipour Chakoli, Nuclear Science and Technology Research Institute, Iran
12:40-13:00	Title: Harnessing Nanotechnology For Enhancing Engineering Performance of Magnesium Targeting CO2 Mitigation
	Tian (Leo) Jin, Xi'an Jiaotong University, Xi'an, PR China
Lunch 13:00-13:45	
13:45-14:30	Title: Nanopesticide –A new material for modern agriculture
	Dr.N.V.S.Venugopal, GITAM University, India
Oral Session II	
Nanomedicine | Nano Pharmaceuticals | Recent Innovations | Nanomechanics | Nanophotonics	
14:30-14:50	Title: Geoexchanger System for Buildings Heating and Cooling
	Abdeen Omer, Energy Research Institute, UK
14:50-15:10	Title: Characterization of polyurethane nanofoams prepared from bio-polyol and nanocellulose
	Rabi Behrooz, Tarbiat Modares University, Iran
15:10-15:30	Title: How Graphene and graphene fuel cell will revolutionize aerospace industry
	Akash Pandey, Punjab Technical University ,India
15:30-15:50	Title: Antagonist effect of ZnONPs on Adipocytes through the inhibition of Peroxisome Proliferator-Activated Receptor gamma (PPARγ)- a Novel Approach
	Manikandan A, Bharathidasan University, India
15:50-16:10	Title: Layered nanoreactors, promising implements to produce metal and non-metal doped carbon nanosheets for use in energy conversion and storage devices
	Mohammad Yeganeh Ghotbi,Malayer University, Iran
Networking & Refreshment Break, 16:10-16:30	
16:30-16:50	Title: Synthesis and Study of Electrocatalytic Efficiency of Spinel Nanoferrites for Oxygen Evaluation Reaction (OER)
	Zahoor Ahmad, University of Engineering and Technology,Pakistan
16:50-17:10	Title: Thin-Film Molecular and Nanoscale Materials for Chemical Energy Conversion
	Khurram Saleem Joya, King Fahd University of Petroleum and Minerals, Saudi Arabia
Poster Session (17:10-17:40)	
Nano-01	Title: Nano-hydroxyapatite and phosphate glass fibre reinforced Poly-lactic acid based hybrid composites for biomedical applications
	Luigi Litti, University of Nottingham , China
Nano-02	Title: Antagonist effect of ZnONPs on Adipocytes through the inhibition of Peroxisome Proliferator-Activated Receptor gamma (PPARγ)- a Novel Approach
	Manikandan A, Bharathidasan University, India
Nano-03	Title: Antibacterial, Antioxidant and Cytotoxicity Activities of Nano-Silver from Leaf Extract of Ocimum americanum (Hoary basil) by Eco-friendly Approach
	Dinesh Babu.M, Bharathidasan University, India