

TENTATIVE
PROGRAM

World Nanotechnology Conference

WORLD
NANO
2019

APRIL 15-17, 2019
DUBAI, UAE

*Theme: Presenting Excellency of
Nanotechnology to transform the World*

 @WorldNanoConf

<https://worldnanotechnologyconference.com/>

Keynote Presentations

Title: Metallized and nanostructured metal@polymer coatings obtained by in situ photo-induced approach

Lavinia Balan, CNRS Institut de Sciences des Materiaux de Mulhouse, France

Title: Thin ion-conducting membranes for energy technologies: Advanced conformal deposition by electrochemistry

Philippe Knauth, Aix Marseille University, France

Title: Computer analysis of the porous structure of activated carbon monoliths based on nitrogen, carbon dioxide and methane adsorption isotherms

Mirosław Kwiatkowski, AGH University of Science and Technology, Poland

Title: Antibodies with functionality as a new generation of translational tools to monitor, to predict and to prevent demyelination

Sergey Suchkov, I. M. Sechenov First Moscow State Medical University, Russia

Title: Organic-inorganic hybrid nano-composites for environmental application

Saleh Thaker Mahmoud, United Arab Emirates University, UAE

Title: Water municipal wastewater treatment as an environmental pathway for engineered nanomaterials (ENMs) from consumer products

Prof. Nick Voulvoulis, Imperial College London, UK

Title: Reflections on societal impact of nanotechnology in china

Chunli Bai, Chinese Academy of Sciences, China

Title: Challenges of nanotechniques employed for biomedical applications

Xing-Jie Liang, Chinese Academy of Sciences, China

Title: Plasmon-enhanced catalysis and optoelectronics

Dong Ha Kim, Ewha Womans University, Republic of Korea

Title: Smart emerging technology to development curtains and upholstery for theaters and hospitality

Elsayed Ahmed Elnashar, Kafrelsheikh University, Egypt

Title: Water: Soft in nature, hard in science

Enge Wang, Chinese Academy of Sciences, China

Oral Presentations

Title: Real-space transfer in graphene-phosphorene heterostructures: Physics and prospective applications

Maxim Ryzhii, University of Aizu, Japan

Title: A sustainable nanotechnological approach for urban mining and recovery of strategic elements

Henrique E. Toma, Institute of Chemistry – University of Sao Paulo, Brazil

Title: One dimensional nanomaterials for emerging energy storage

Liqiang Mai, Wuhan University of Technology, China

Title: Heat exchangers technology and applications in heat exchanger engineering

Abdeen Omer, Energy Research Institute, United Kingdom

Title: Steerable propulsion of disk-like nanojet with nozzle nanoengines

Liangxing Hu, Nanyang Technological University, Singapore

Title: Synthesis of Iron Oxide nanoparticles in diffusion propane-air flame

Ayad Al-Thuwaynee, Brighton University, UK

Title: 2-Dimensional transition metal dichalcogenides for efficient hydrogen evolution reaction

K. Jeganathan, Bharathidasan University, India

Title: Large-area freestanding gold nanomembranes

Peipei Jia, Shenzhen Topmembrane Technology Co., Ltd, China

Title: Effect of metal oxide nanoparticles on the performance of xanthan gum solutions for heavy oil recovery

Laura M. Corredor, University of Calgary, Canada

Title: Adsorption induced low temperature transformations of methane adsorbed in IRMOF microporous structures

Bogdan Kuchta, Aix-Marseille University, France

Title: Electricity from plants: Plant-e technology

Pragya Narayana Prasad, Sardar Vallabhbhai National Institute of Technology, India

Title: Studies on polymer nanocomposites as shear thickening fluids

Rajeev Mehta, Thapar Institute of Engineering and Technology, India

Title: Quantum dot based photodiodes process integration: Patterning challenges and initial results on PbS spin-coated layers

Luis Moreno Hagelsieb, IMEC, Belgium

Title: Functionalization of iron oxide-based magnetic nanoparticles with gold shells

Agne Mikalauskaite, Institute Center for Physical Sciences and State research Technology Vilnius, Lithuania

Title: Oxygen on rutile TiO₂(110) surface: AFM manipulation of charge state and molecular bond

Ivan Stich, Slovak Academy of Sciences, Slovakia

Title: Fabrication of thiol-functionalised core shell magnetic iron oxide nano-particles for Hg²⁺ ion removal in water

Manjuthan.C, R.V. College of Engineering, India

Title: Amino acid coated ultra-small nanoparticles as efficient antibiotics

Rokas Zalneravicius, Center for physical sciences and technology, Lithuania

Title: Enhanced oxygen vacancy formation in mixed phase VO_x nanorods for temperature-independent oxygen gas sensor applications

Appu Vengattoor Raghu, PSG Institute of Advanced Studies, India

Title: Nanostructured zirconia-based ceramic material fabricated by an oscillatory pressure sintering process

ZhiPeng Xie, Tsinghua University, China

Title: Emerging new van der waals semiconductor devices: Opportunities and challenges

Mohammed Amer, University of California, US

Title: Facile synthesis of modified Styrene–maleic anhydride/ Zinc oxide polymer nanocomposites for supercapacitor applications

Remya Simon, Stella Maris College, India

Title: Fabrication of styrene-maleic anhydride /CNT nanocomposites for supercapacitor electrodes

Sohini Chakraborty, Stella Maris College, India

Title: Molecular beam epitaxy growth of semiconductor nanowires for novel applications in optoelectronic devices

Ezekiel A. Anyebe, Federal University of Agriculture, Nigeria

Slots Available

Poster Presentations

Title: Self-assembly by multi-drop evaporation of carbon-nanotube and graphene-oxide-platelet droplets on a polycarbonate substrate for applications in energy and medicine

Hatim Machrafi, Universite de Liege, Belgium

Title: Research of dye synthesis photovoltaic cells (DSSC) with photoanodes from ceramic nanofibers

Tomasz Tanski, Silesian University of Technology, Poland

Title: Experimental investigation of the influence of nanofluid–alternating-brine (nab) flooding on oil recovery in niger delta sandstone reservoir rocks

Olugbenga Falode, University of Ibadan, Nigeria

Title: Hydrochar functionalized with sulfurous acid of agave tequilana weber leaves

Lourdes Graciela Cabrera Chavarria, Universidad de Guadalajara, Mexico

Slots Available

We wish to meet you @ World Nano - 2019

during April 15-17, 2019 in

Venue: Millennium Airport Hotel Dubai
Casablanca St. Al Garhoud, P.O.Box 13018, Dubai, UAE

Questions? Contact +1 (702) 988-2320 or Inquires: worldnano@magnus-group.org

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