

1st Conference of
OUTLOOK CONFERENCES



International
**NANOTECHNOLOGY
AND NANOSCIENCE
CONFERENCE**

September 23-24, 2019 | Chicago, USA

<http://www.outlookconferences.com/>

Day 1 September 23, 2019

Linden

08:30-09:00 Registrations

09:00-09:15 Introduction & Opening Words by Conference Chair

Chair of Conference:
Myung Chul Chang, South Korea

Plenary Forum

- 09:15-09:55 **Title: Calcium Phosphate-Based Artificial Bone Cement Having Three Dimensionally Ordered Network Structure of Nano-, Micro- and Meso-Scale Crystallites**
Myung Chul Chang, Kunsan National University, South Korea
- 09:55-10:35 **Title: Design and Synthesis of Polymeric Semiconductors and Their Applications in Organic Field-Effect Transistors**
Yunqi Liu, Institute of Chemistry, China

Keynote Forum

- 10:35-11:10 **Title: Charged Particles Enabled Nano Sensors for Extreme Conditions**
M. Saif Islam, University of California, USA
Refreshments Break 11:10-11:25 @ Foyer
- 11:25-12:00 **Title: Intrinsically Stretchable Polymer Electronics as an Emerging Platform for Bioelectronics**
Sihong Wang, The University of Chicago, USA

Invited Forum

- 12:00-12:30 **Title: Synergistic Catalysis of Nano-Metal and Semiconductor (Metal Oxides) Molecular/Atomic-Layer Film Coated on the Support of Novel Hybrid Complex Nano-Structured Pt Catalyst Prepared by Photochemical Route**
Zhou Jicheng, Xiangtan University, China
- 12:30-13:00 **Title: Efficient Oil/Water Separation with Micro / Nanostructured Membranes**
Zhaoyang Liu, Hamad Bin Khalifa University, Qatar
Group Photo 13:00-13:05
Lunch Break 13:05-14:00 @ Aspen
- 14:00-14:30 **Title: Nano-Imprinting lithography for Micro/Nano-Fabrication in Industry**
Yung-Chun Lee, National Cheng Kung University, Taiwan
- 14:30-15:00 **Title: Surface Modification of Symmetric Membranes for Increased Performance/Efficiency of Oil Water Separation and Produced Water Treatment**
Oluwaseun Ogunbiyi, Hamad Bin Khalifa University, Qatar
- 15:00-15:30 **Title: Bending, Trapping and Slowing Down Light Beams for Highly-Efficient and Ultra-Fast Photodetection**
M. Saif Islam, University of California, USA
- 15:30-16:00 **Title: Nanoparticles Prepared from Plant Proteins**
Sanghoon Kim, USDA-ARS-NCAUR, USA
Refreshments Break 16:00-16:15 @ Foyer
- 16:15-16:45 **Title: Melt-Processing of Complementary Semiconducting Polymer Blends**
Yan Zhao, Fudan University, China
- 16:45-17:15 **Title: Maskless Lithography System for Fabricating 2D and 3D Microstructures**
Yung-Chun Lee, National Cheng Kung University, Taiwan

Panel Discussion 17:15-17:30

Closing the Conference for the Day 1

Day 2 September 24, 2019

Linden

Plenary Forum

- 10:00-10:40 **Title: 3D Ordered Microcrystalline Oxides with Nano-, Micro-, Meso-pores; FCC, HCP → Gyroid Lattice in Morpho Didius Butterfly**
Myung Chul Chang, Kunsan National University, South Korea
- 10:40-11:20 **Title: Nano-Channels and Biomimetic Membranes**
Joel Fried, University of Louisville, USA

Refreshments Break 11:20-11:35 @ Foyer

Keynote Forum

- 11:35-12:10 **Title: Emergence of Nanotechnology in the Upstream Petroleum Industry**
Simone Musso, Aramco Research Center, USA
- 12:10-12:45 **Title: Recent Development in 2D Materials for Energy Applications**
Ram Gupta, Pittsburg State University, USA
- 13:45-14:20 **Title: Potency of Nano-Antibacterial Formulations from the Extracts of Seaweeds Prospective Formulation for Diabetic Wound: Modulation of Cytokine Network**
Sivakumar Sivagurunathan Moni, Jazan University, Kingdom of Saudi Arabia

Lunch Break 12:45-13:45 @ Aspen

Scientific Sessions

- Sessions** **Nanoelectronics | Quantum dots | Pharmaceutical Nanotechnology**
- Session Chair** **Ram Gupta, Pittsburg State University, USA**
- 14:20-14:45 **Title: Pre Formulation and Formulation of Sorafenib Loaded Sodium Selenite Nanoparticles as a Prime Step for Targeting Hepatocellular Carcinoma**
Sivakumar Sivagurunathan Moni, Jazan University, Kingdom of Saudi Arabia
- 14:45-15:10 **Title: Luminescent Nanoparticle Tracers for Particulate-Flow Tracking**
Nicolas Uhnak, Pacific Northwest National Laboratory, USA
- 15:10-15:35 **Title: Coumestrol: A Promising Molecule for Wound Healing**
Sara Elis Bianchi, Federal University of Rio Grande do Sul, Brazil
- 15:35-16:00 **Title: Vegetable Oils as Renewable Resources for Polyurethane Foams**
Ram Gupta, Pittsburg State University, USA

Refreshments Break 16:00-16:15 @ Foyer

Video Presentation

- 16:15-16:50 **Title: Augmented Reality and Virtual Reality in Nanotechnology and Nanoscience**
Kolivand Hoshang, Liverpool John Moores University, UK

Poster Presentation

- OLCNNC-P1 **Title: Scalable Synthesis of Luminescent Silicated Quantum Dots for Particulate-Flow Tracking**
Clara Reed, Pacific Northwest National Laboratory, USA
- OLCNNC-P2 **Title: Enhanced Beta Phase Engineering for High Surface Density to Increase in the Piezoelectric and Triboelectric Charge Generation**
Muhammad Tayyab, Nanjing University, China
- OLCNNC-P3 **Title: Human Papillomavirus Infection in Genital Women in Four Regions of Senegal**
El Hadji Seydou Mbaye, IARC/WHO, France

End of the Conference



Save The Date

2nd International Conference and Exhibition on

Nanoscience and Nanotechnology

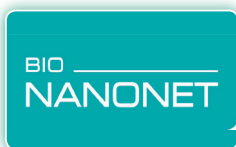
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