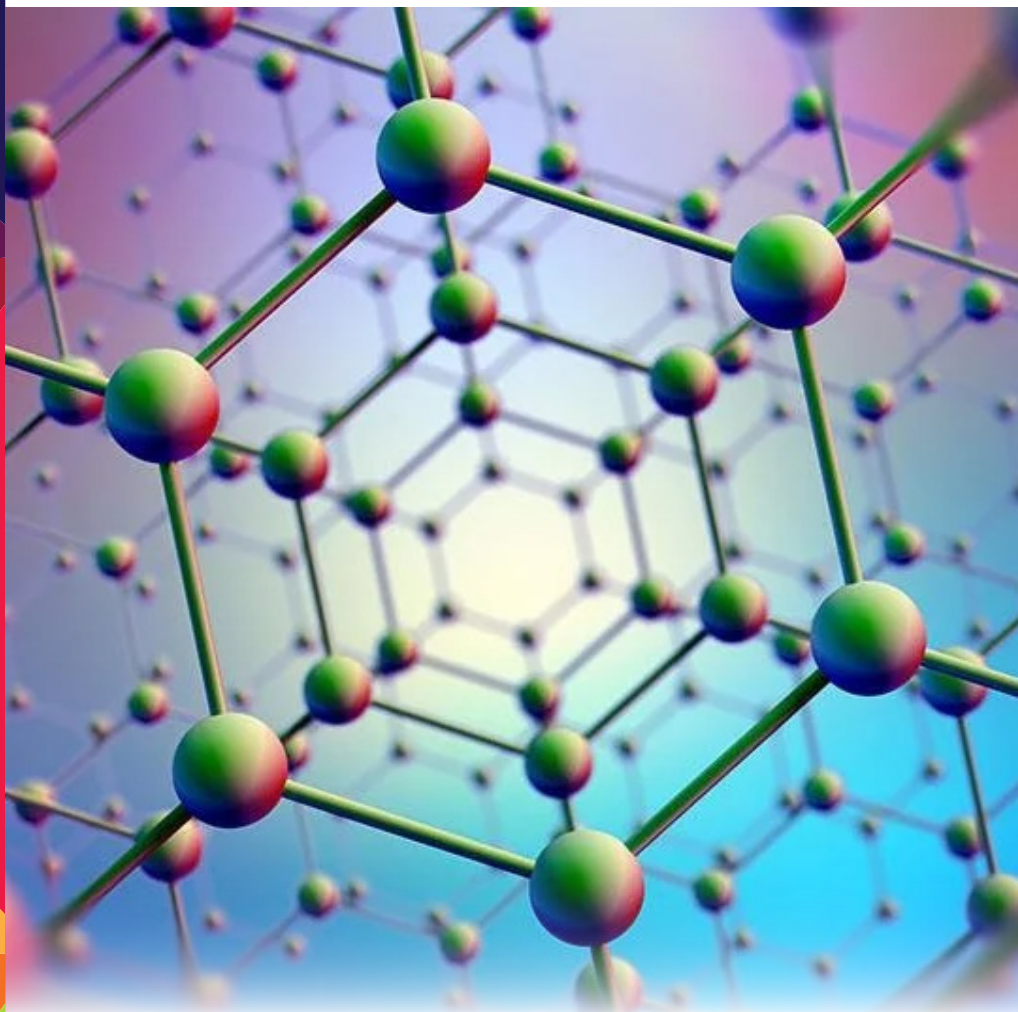


Scientific Program



32nd World

Nano Conference

October 25-26, 2021 | Zurich, Switzerland

Opening Ceremony



09:30-09:40 Introduction

Day 1- October 25, 2021

Keynote Session

- 09:40-10:20 **Title: NIR-responsive nanomaterials: Key pieces and applications**
Julia Perez-Prieto, University of Valencia, Spain
- 10:20-11:00 **Title: Does the nano-world contain a key to the human exception: Sudden T-patterned mass-social self-similarity across nine orders of magnitude?**
Magnus S. Magnusson, University of Iceland, Iceland
- 11:00-11:40 **Title: Nanotechnology as a component of future jurisprudence in the field of human injury cases**
John McClellan Marshall, Fourteenth Judicial District of Texas, USA

Group Photo

Network & Refreshment Break 11:40-12:00

Sessions: Nano Biotechnology | Materials Science and Engineering | Nanotechnology Safety | Nano Medicine | Advanced Nanomaterials | Nanotech for Energy and Environment | Future of Nanotechnology | Nanotechnology in Battle Against Coronavirus

Chair: **Magnus S. Magnusson**, University of Iceland, Iceland

Co-chair: **John McClellan Marshall**, Fourteenth Judicial District of Texas, USA

- 12:00-12:30 **Title: New scaffolds for the delivery of protease sensitive photosensitizer prodrugs**
Norbert Lange, Université de Genève, Switzerland
- 12:30-13:00 **Title: Planar magnetic particles for magneto-transduction studies in cell biology**
Rafael Morales, University of the Basque Country, Spain
- 13:00-13:30 **Title: Functional nanoparticles of cadmium sulfide mediated by bacteria**
Tatyana A. Voeikova, National Research Center Kurchatov Institute, Russia

Lunch Break 13:30-14:00

- 14:00-14:30 **Title: Laser floating zone for tuning thermoelectric properties of CaMnO₃ system doped with gadolinium**
Nuno Ferreira, Universidade de Aveiro, Portugal
- 14:30-15:00 **Title: Scrutinizing the latest approaches in the sphere of nanotechnology: Risks and regulatory adaptation**
Elena Margineanu, Free International University of Moldova, Moldova
- 15:00-15:30 **Title: Effect of ZnO nanoparticles on the thermally stimulated depolarization current behavior of polystyrene polymer**
Maneesha Garg, JC Bose University of Science and Technology, India
- 15:30-16:00 **Title: The modification of Einstein's DMR relation in Quantum Wire Super Lattices (QWSL) and study of Shubnikov de Hass effect in parabolic semiconductors : Simplified theory and suggestions for further experimental determination in biomaterials**
Sudip Chatterjee, Regent Education and Research Foundation, India

Network & Refreshment Break 16:00-16:30

Panel Discussions

Day 2 - October 26, 2021

Sessions: Nanoscience and Technology | Nano Materials Synthesis and Characterisation | Pharmaceutical Nanotechnology | Nanophotonics | Nanotechnology in Tissue Engineering

Chair: **Magnus S. Magnusson**, University of Iceland, Iceland

Co-chair: **John McClellan Marshall**, Fourteenth Judicial District of Texas, USA

- 10:00-10:30** **Title: Emerging group IVA-VI 2D metal monochalcogenides isolation properties and applications**
Abdus Salam Sarkar, Institute of Electronic Structure and Laser, Greece
- 10:30-11:00** **Title: Nanocarriers in the immune regulation**
Liviu Popa-Simil, LAAS, USA
- 11:00-11:30** **Title: Interaction of corrosion-induced hydrogen with nascent nanodefects in steel under neutron irradiation**
Evgenii Krasikov, National Research Centre Kurchatov Institute, Russia
- 11:30-12:00** **Title: New POC test strip for rapid diagnosis of active schistosomiasis using nanobodies conjugated to gold nanoparticles**
Manal Kamel, Theodor Bilharz Research Institute, Egypt
- Network & Refreshment Break 12:00-12:15**
- 12:15-12:45** **Title: The convergence of technologies, generates convergence in the regulations**
Guillermo Valdes Mesa, Havana University Center Biomaterial, Cuba
- 12:45-13:15** **Title: Circular economy: New opportunities in sustainable nanomaterials**
Sabu Thomas, Mahatma Gandhi University, India
- 13:15-13:45** **Title: Preparation nano emulsions containing rosemary and examination of it effect on nerve cells of the CA1 hippocampus male rat following transient pervasive ischemic/ reperfusion evaluation the protective effect of nano emulsions containing rosemary on CA1 hippocampus neurons ischemic/ reperfusion injury**
Nazanin Ghareh khani, Azad University of Medical Sciences, Iran
- 13:45-14:15** **Title: Prediction of environmental indicators in land levelling using artificial intelligence techniques**
Isham Alzoubi, School of Surveying Geospatial Engineering, Syria

Lunch Break 14:15-14:45

.....6 Speakers are Available

Panel Discussions

Awards & Closing Ceremony