



Peers Alley Media

1126 59 Ave East, V5X 1Y9

Vancouver BC, Canada

Ph : +1-778-766-2134

www.peersalleyconferences.com

VIRTUAL EVENT

2ND GLOBAL CONFERENCE ON ADVANCED NANOTECHNOLOGY & NANOMATERIALS

JUNE 22-23
2022

Theme: Harnessing Light on
Nanotechnology Breakthroughs

Scientific Program

NANO INTELLECTS 2022

<https://nanointellecs.peersalleyconferences.com/>

BST- British Summer Time

08:15-08:30 Opening Ceremony

Distinguished Speaker Talks

Sessions: Nanotechnology | Nano Biotechnology | Nano Pharmaceuticals | Nano Polymers | Robotics | Commercialization of Nanotechnology | Nano Chemistry | Molecular Nanotechnology | Nanotechnology in Cancer Treatment | Advancing Cellulose-Based Nanotechnology | Forensic Nanotechnology | Nanotechnology and Energy | Nanostructures and Nanofilms | Nano Medicine | 3D Printing | Carbon Nanotubes | Fuel Cells

08:30-08:55 **Title: Performance analysis of Terahertz unmanned aerial vehicular networks**
Zihuai Lin, *The University of Sydney, Australia*

08:55-09:20 **Title: 2D active nanobots powered by an ultralow fuel concentration**
Motilal Mathesh, *Deakin University, Australia*

09:20-09:45 **Title: A theoretical discussion of the theory of negative pressure within wood Hierarchical nano-structure in the light of CT-scanner images of wood during drying**
Diego Elustondo, *Chemical and Bioprocess Engineering Scion, New Zealand*

09:45-10:10 **Title: The magnetic enhancement effect in methanol oxidation reaction with CoPt truncated octahedral nanoparticles**
Jialong Liu, *Beijing University of Chemical Technology, China*

10:10-10:35 **Title: Nanomaterial design via joint first principles and machine learning exploration**
Huashan Li, *Sun Yat-sen University, China*

Refreshment Break 10:35-10:50

10:50-11:15 **Title: Synthetic poly(lactic-co-glycolic acid) microvesicles as a feasible Carbon Monoxide-releasing platform for Cancer treatment**
Wei-Peng Li, *Kaohsiung Medical University, Taiwan*

11:15-11:40	<p>Title: Obtaining 3D structured diatomaceous biosilica doped with transition metal ions (Ti, V) and semi-metal ions (Ge, Te) by <i>in vivo</i> method</p> <p>Weronika Brzozowska, <i>University of Szczecin, Poland</i></p>
11:40-12:05	<p>Title: A critical assessment of the current process of scientific and technological development: Search for an alternative perspective</p> <p>Badrudin Amershi, <i>Cpo-Im, Germany</i></p>
12:05-12:30	<p>Title: Artificial Intelligence: Ecosystem of threats Vs. Ecosystem of trust</p> <p>Michal Boni, <i>SWPS University of Social Sciences and Humanities, Poland</i></p>
12:30-12:55	<p>Title: Development of modified Phytosomes loaded with an enriched extract of coffee silverskin</p> <p>Faezeh Fathi, <i>University of Porto, Portugal</i></p>
Lunch Break 12:55-13:20	
13:20-13:45	<p>Title: Novel carbazole host materials for solution processed TADF/ Phosphorescent organic light emitting diodes</p> <p>Saulius Grigalevicius, <i>Kaunas University of Technology, Lithuania</i></p>
13:45-14:10	<p>Title: Bioceramic nano and microparticles as component of bone regeneration system</p> <p>Bogdan Parakhonskiy, <i>Ghent University, Belgium</i></p>
14:10-14:35	<p>Title: Prospects for the use of Electrooxidation and Electrocoagulation techniques for membrane filtration of irrigation water</p> <p>Estefania Espinoza Márquez, <i>University Bookstore UAQ, Mexico</i></p>
14:35-15:00	<p>Title: Synthesizing heat transfer factors on thermal bonding structure of mineral added Polypropylene spun</p> <p>Wei Yu Wei, <i>North Carolina State University, USA</i></p>
15:00-15:25	<p>Title: Autonomous Human machine systems</p> <p>William F. Lawless, <i>Paine College, USA</i></p>
15:25-15:50	<p>Title: ERMO enterprise risk management optimization for emerging technology</p> <p>Howard A. Miller, <i>LBW Insurances and Financial Services, USA</i></p>

Refreshment Break 15:50-16:05

16:05-16:30

Title: Explore two-dimensional energy-efficient nanoelectronics
Huamin Li, *University at Buffalo, USA*

16:30-16:55

Title: A second generation Nanoluc-IL27 fusion cytokine for Targeted-Gene-Therapy Applications
Marxa Leao Figueiredo, *Purdue University, USA*

16:55-17:20

Title: AI Ethics: From substantialists to instrumentalists, towards a reasonable deflationism
Frederick Bruneault, *UQAM, Canada*

17:20-17:45

Title: Advanced manufacturing of multifunctional nanocomposite materials for biomedical applications
Haniyeh Fayazfar, *University of Ontario Tech, Canada*

17:45-18:10

Title: A Context-Aware Artificial Intelligence-based system to support street crossings for pedestrians with visual impairments
Aleksandro Montanha, *University of Seville, Spain*

18:10-18:35

Title: Using nanotechnology to combat Antidepressants discontinuation syndrome
Adedapo Adesokan, *PreciseMed, UK*

Panel Discussion

End of Day 1



BST- British Summer Time

Distinguished Speaker Talks

Sessions: Artificial Intelligence | Nanoscience and Technology | Novel Drug Delivery
Nano Physics | Nano Weapons | Nano-Surgery | Functional Nano Materials | Graphene and
Fullerenes | Properties of Nanomaterials | Materials Science and Engineering |
Nano Structures | Materials Science

08:30-08:55

Title: Possible application of using nuclear magnetic resonance to create a quantum computer based on the top-to-bottom approach

Vladimir Voronov, *Irkutsk National Research Technical University, Russia*

08:55-09:20

Title: Kelvin-Helmholtz instability in the nanometer wavelength range

Vladimir Dmitrievich Sarychev, *Siberia State Industrial University, Russia*

09:20-09:45

Title: Obtaining of electroless Cu-Ni-P coating on a dielectric surface

Mihaela Georgieva, *Technical University of Sofia, Bulgaria*

09:45-10:10

Title: Evaluation of therapeutic potential of Nanoceria via surface functionalization strategies for colon and Lung Cancer

Elif Tarakci, *Natural and Applied Sciences, Turkey*

10:10-10:35

Title: Current trends in multifunctional nanoplatfoms for bioimaging and controlled drug delivery in Cancer

Seda Demirel Topel, *Antalya Bilim University, Turkey*

Refreshment Break 10:35-10:50

10:50-11:15

Title: A survey of Density based clustering Algorithms

Panthadeep Bhattacharjee, *Kalinga Institute of Industrial Technology, India*

11:15-11:40

Title: Experimental study of fracture plugging effectiveness for improving the fracture pressure of a low bearing capacity formation

James C Rwechungula, *The University of Dodoma, Tanzania*

11:40-12:05

Title: Green synthesis of selenium nanoparticles and evaluate their effect on the expression of *ERG3*, *ERG11* and *FKS1* antifungal resistance genes in *Candida albicans* and *Candida glabrata*

Mahdi Hosseini Bafghi, *Mashhad University of Medical Sciences, Iran*

12:05-12:30

Title: A new multi-switch circuit with adaptive capacitance for vibration energy harvesting using smart materials

Saber Mohammadi, *Razi University, Iran*

12:30-12:55

Title: Using a nano-glass powder in concrete- A Review

Sief Aldeen Ahmed Odaa, *University of Anbar, Iraq*

Lunch Break 12:55-13:20

13:20-13:45

Title: Nanostructures of *Tris[(5,7-diphenyl)-8-quinolinolato] Gallium(III)* complex fabricated by surfactant- assisted microemulsion method

Usama Abdullah Al-Zaabi, *Sultan Qaboos University, Oman*

13:45-14:10

Title: Chloroform-Injection (CI) and Spontaneous-Phase-Transition (SPT) are novel methods, simplifying the fabrication of liposomes with versatile solution to cholesterol content and size distribution

Muhammad Ijaz Khan Khattak, *University of Swabi, Pakistan*

14:10-14:35

Title: Synthesis and characterization of Zinc Oxide (*ZnO*) nanostructures for sensing and dye degradation

Shazrah Shahzad, *Tsinghua University, China*

End of Day 2

Closing Remarks





**BOOKMARK
YOUR DATES**

**3RD GLOBAL CONFERENCE ON
ADVANCED NANOTECHNOLOGY
& NANOMATERIALS**

MARCH 2023 | LONDON, UK

<https://nanointellecets.peersalleyconferences.com/>