

6th Edition of Nanotechnology and Nanomaterials Virtual

OCTOBER 27, 2023



V-NANO2023

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Webinar
Timings

Speakers
Timings

07:00 – 07:10

Introduction



Keynote Sessions-1

07:10 – 07:45

16:10 – 16:45

Title: Biointerfaces explored by experiments and informatics

Hayashi Tomohiro, Tokyo Institute of Technology, Japan.

07:45 – 08:20

15:45 – 16:20

Title: ZnO-based Hybrid Nanomaterials for Sensing Applications

Bohr-Ran Huang, National Taiwan University of Science and Technology, Taiwan.

08:20 – 08:55

11:20 – 11:55

Title: Nanoparticles as a powerful tool to tailor subwavelength light patterns

Michael Tribelsky, Lomonosov Moscow State University, Russia.

08:55 – 09:30

17:55 – 18:30

Title: Nanobiomaterials for medical devices: in the intermediate water concept

Masaru Tanaka, Kyushu University, Japan.

09:30 – 10:05

17:30 – 18:05

Title: Antibacterial Properties of Biogenic Bone Fillers Using Green Synthesized of Silver Nanoparticles

Zainol Ismail, Universiti pendidikan sultan idris, Malaysia.

10:05 – 10:40

13:05 – 13:40

Title: Improving the Fatigue Design of Mechanical Systems such as Refrigerator

Seongwoo Woo, Ethiopian Technical University, Ethiopia.

10:40 – 11:15

18:40 – 19:15

Title: How is Important Nanobiotechnology in the Future of Food Science?

Nader Ghaffari Khaligh, University of Malaya, Malaysia.



Invited Presentations

11:15 – 11:35 19:15 – 19:35

Title: An Emerging Technique for Detecting Silica Nanoparticle Surface-modified Structure Inhibiting Bacteria Proliferation

Yameng Liu, Tianjin University of Traditional Chinese Medicine, China.

11:35 – 11:55 16:45 – 17:05

Title: Advances in Device Applications of 2D Materials

Khurshed A. Shah, Sri Pratap College, Cluster University Srinagar, India.



Keynote Sessions-2

11:55 – 12:30 07:55 – 08:30

Title: Modeling Human Neurological Diseases Utilizing iPSC-Neurons in Bio-MEMS

Xiufang Guo, University of central florida, USA.

12:30 – 13:05 09:30 – 10:05

Title: Characterization and selective separation of colloidal particles for their sustainability and circular economy

Akira Otsuki, Universidad Adolfo Ibáñez, Chile.

13:05 – 13:40 09:05 – 10:40

Title: Integrated 2D Material-Based Optoelectronic Devices and Photonic Integrated Circuits

Chandraman Patil, University of Florida, USA.

13:40 – 14:15 09:40 – 10:15

Title: Using a BandAid™: A Review of the Use of Artificial Intelligence (AI) in Biomaterials

Thomas J Webster, Interstellar Therapeutics, USA.

Closing Ceremony