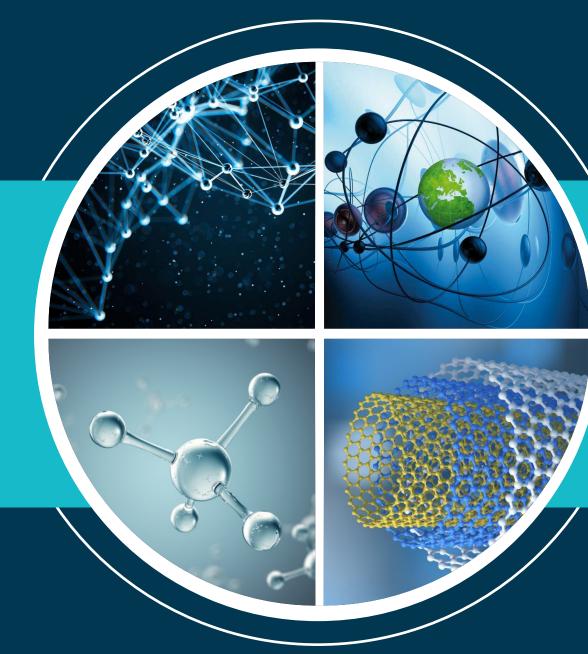


2nd World Congress on Materials Science Research and Nanotechnology

April 19-20, 2024 | Tokyo, Japan

Venue: ANA Crowne Plaza, Narita



materialsscience@averconferences.com https://materialsscience.averconferences.com/

April 19, 2024 Day 1	
Meeting Hall	
09:00 - 09:30	Registrations
09:30 - 10:00	Opening Ceremony
Keynote Forum	
10:00 - 10:30 10:30 - 10:50	Title:Interactions at the nano-bio interfaces: applications and future challenges Dr. Claudia Corbo, University of Milan Bicocca, Italy Title: Investigations of Luminescence in Dy3+ doped Barium and Phosphate Glasses Dr. Priya Murugasen, Saveetha Engineering College, India
Group Photo	
Networking & Refreshment Break 10:50 - 11:10	
Plenary Sessions	
11:15 - 11:35 11:35 - 11:55 11:55 - 12:15 12:15 - 12:35 12:35 - 12:55	Title: In vitro immunotoxicity assessment of culture-derived extracellular vesicles in human monocytes Dr. Sylwia Meczynska-Wielgosz, Medical University of Warsaw, Poland Title: A Numerical Thermo-Chemo-Flow Analysis of Thermoset Resin Impregnation in LCM Processes Dr. Hatim Alotaibi, Institute of Earth and Space Science, Saudi Arabia Title: Innovative Breakthrough in the Design of Extended Depth of Focus Intraocular Lens: Paving the Way for a New Paradigm in Ophthalmic Advancements Mrs. Zhang Yu, Aier Eye Hospital, China Title: Toxicity of iron oxide nanoparticles in lung cancer cells Dr. Katarzyna Sikorska, Medical University of Warsaw, Poland Title: Catalytic Study of Cuprous Oxide Nanoparticles Embedded in Biofunctionalized MIL-100(Fe) with Cryptolepis buchanani Roem & Schult Extract Ms. Chantamalinee Chantarangkul, Functional Materials and Nanotechnology Centre of Excellence, Walailak University, Thailand
Lunch Break @13:00 - 14:00	
Plenary Sessions	
14:00 - 14:20 14:20 - 14:50 14:50 - 15:15 15:15 - 15:40 15:40 - 16:00 16:00 - 16:25	Title: Highly efficient ultrasound-driven Cu-MOF/ZnWO4 heterostructure: An efficient visible-light catalyst with robust stability for complete degradation of tetracycline Mr. Jenson Samraj Jeyaprakash, SRM Institute of Science and Technology, India Title: Decoration of Pt/Pd bimetallic nanoparticles on Ru-implanted WS2 nanosheets for acetone sensing studies Dr. Jae-Hun Kim, Inha University, Republic of Korea Title: Exploring the potential of Novel Two-Dimensional Materials for application as high energy density anode material in Rechargeable Metal ion batteries Dr. Abdul Majid, Department of Physics, University of Gujrat, Pakistan Title: The potential of polymer pencil-lead graphite for clinical electron beam dosimetry Dr. Khouloud Saed Almogren, Princess Nourah Bint Abdualrahman University, Saudi Arabia Title: The effects of forced and voluntary exercises on anxiety, social and cognitive behaviours in female rats with post-traumatic stress disorder Dr. Laura Viviana Cuervo Garces, Faculty of Engineering, Bogota, Colombia Title: Flow-based amperometric sensor for dexamethasone detection using iron-based metal organic frameworks/graphene oxide composites material modified pencil graphite electrode Ms. Chanida Jakkrawhad,Functional Materials and Nanotechnology Center of Excellence, Walailak University,
16:25 - 16:45	Thailand Title: Designed 2D Protein Arrays Dr. Shane Gonen, University of California Irvine, USA Networking & Refreshment Break 16:45-17:00

Awards & Closing Ceremony