

Program of Annual International Congress on

Nanoscience & Nanotechnology

April 24-25, 2025

Oxford, United Kingdom

WWW.NanoRTC.COM

Notes for the Conference Schedule:

- **Presentation Timing:** Each speaker is allocated 20 minutes for their presentation, followed by 5 minutes for questions and answers.
- **Speaker Attendance:** All speakers must be present for the entire duration of their session, from the start to the end. This is crucial because they may be selected as the first speaker in their session.
- **Conference Platform:** The conference will be held via the ZOOM platform. A link to join the conference, along with instructions on how to use the platform, will be emailed to all participants.
- **Technical Setup:** Please ensure that all presentation materials (slides, videos, etc.) are ready and tested at least 10 minutes before your session begins. This will help avoid any delays or technical issues during the conference.
- **Punctuality:** All sessions will start promptly at the scheduled time. Speakers and attendees are encouraged to join the session 5 minutes early to ensure everything runs smoothly.
- **Breaks:** There will be short breaks between sessions and a longer lunch break as scheduled. Please use these breaks to address any technical issues, refresh, and prepare for your presentation.
- **Session Moderators:** Each session will have a moderator who will introduce the speakers, manage the Q&A segment, and ensure the session stays on time. Please coordinate with the moderator if you have any specific needs or requests.
- **Networking:** Virtual networking rooms will be available during breaks for attendees and speakers to connect and discuss the presentations further.
- **Time Zone:** All times mentioned in the schedule are based on **Greenwich Mean Time (GMT)**.
- **Presentation Files:** All speakers must prepare their presentation files in advance using the standard template provided. During their session, they should be ready to share their screen through their own system.

Day	Session	Start Time	End Time	Presentation Title	Speaker	Organization	
April 24	Session 1	8:00 (GMT)	9:45 (GMT)	Phthalocyanine-based Nanostructures	NAZLI ÖZTÜRK	Acıbadem Mehmet Ali Aydınlar University,	
				Clay-Supported Copper Catalysts for Organic Chemical Transformations	Bashir Ahmad Dar	Government Degree College Uri, India	
				Teaching AI Machines to Productively Treat Explicit Entropy Notion	Evgeni B. Starikov	Kobe University, Japan	
				Thermally Induced Spin Structure Modulation in ZnFe ₂ O ₄ Nanoparticles Probed by XRD, VSM, and ESR	Pranaba K. Nayak	Tata Institute of Fundamental Research, India	
				Nano Biosurfactants-Organic Detergent	Ravi Varala	INTI International University, Malaysia	
				Efficiency and Concentration Quenching of Manganese Luminescence in Zn _{1-x} Mn _x S and Zn _{1-x} Mn _x Se nanoparticles	Nikolay Vasilyev	Saint-Petersburg University, Russian Federation	
				Photoaligned azodye nanolayers for new liquid crystal devices	Vladimir G. Chigrinov	Hong Kong University of Science and Technology, Hong Kong	
	Break						
	Session 2	10:00 (GMT)	12:00 (GMT)	Nanoscale targeted drug formulations as the effective therapeutic tool against NeuroAIDS	Malay K Das	DIBRUGARH UNIVERSITY, India	
				Enhanced Properties of Chrysotile Asbestos Fiber Reinforced Geopolymer Bricks	Zvikomborero Lazarus Duri	Amity University Haryana, India	
				Resveratrol-Loaded Solid Lipid Nanoparticles Reinforced Hyaluronic Hydrogel: Multitarget Strategy for Treatment of Diabetes-Related	Anna Calarco	Research Institute on Terrestrial Ecosystems (IRET)-CNR, Italy	
				Sol-Gel Protein Stabilization toward Rainbow and White Lighting Devices	Mattia Nieddu	University of Alicante, Spain	
				A Study of the Effect of Graphene on the Mechanical Property of CuAlNi Shape Memory Alloy	Wasiu Ayinde Issa	Kwara State University, Cyprus	
				Evaluation of the inhibitory effect and cytotoxicity of some nanoparticles against bacterial isolates from burn infections	Asmaa Ahmed Hatem Sultan	Meddal Technical University, Iraq	
Break							

Day	Session	Start Time	End Time	Presentation Title	Speaker	Organization
April 24	Session 3	13:00 (GMT)	15:00 (GMT)	Bubble electrospinning for MEMS applications	Ji-Huan He	Soochow University, Taiwan
				Predictive Optimisation Model for Commercial Geopolymer Cement Manufacturing	Zvikomborero Lazarus Duri	Amity University Haryana, India
				Surfactant-modified zeolitic rock functionalized with iron nanoparticles for arsenate adsorption from aqueous solutions	Raul Cortes-Martinez	Universidad Michoacana de San Nicolas de Hidalgo, México.
				Doped titania nanomaterials with metal oxides and hydroxyapatite and their application in the degradation photoelectrocatalytic of acid black dye 1	Susana López Ayala	Center for Research in Engineering and Applied Sciences, México
				Heat Transfer Enhancement in Concentric Tube Heat Exchanger by Using Nanofluid	Mohamed Abdelmagid	AlRyada university for science and Technology, Egypt
				A Comparative Study on Sulphonated Titanium dioxide loaded Sulphonated Polystyrene Ethylene Butylene Polystyrene and Sulphonated Polyether Ether Ketone membranes for long term MFC operation	Vaidhegi Kugarajah	B. S. Abdur Rahman Crescent Institute of Science and Technology, India
				Synthesis and Modification of Polymer Materials in Supercritical Fluids	MGH ZAIDI	Govind Ballabh Pant University of Agriculture & Technology, India
				Modular assembly of metamaterial using light gradient forces	Apurba Paul	University of Notre Dame, United States
Close Room						

Day	Rom No.	Session	Start Time	End Time	Presentation Title	Speaker	Organization	
April 25	Room 1	Session 5	8:00 (GMT)	9:45 (GMT)	Role of Silver in Creating Oxygen Vacancies in CeO ₂ for Enhanced Effluent Degradation and CO ₂ Reduction to Methanol	Pritam Borker	College of Arts & Science, Farmagudi, India	
					Surface Roughness of Nano Powder Mixed with Different Dielectrics	Farook Abed	Al-Imam Al-Adham University College, Iraq	
					Environmental impact of nanofibers produced by electrospinning technology	Ghazal Tuhmaz	Homs University, Syria	
					Arc-Discharge Methodology: Synthesis and Characterization of Carbon Nanotubes	Salah Oudjertli	Research Center in Industrial Technologies, Algeria	
					Effect of nano SiC and micro SiC particles on hardness profile and corrosion properties of aluminum alloy AA6061-T6 through friction stir processing	Muna Abbass	University of Technology, Iraq	
					In-Vivo Study of the Palladium Nanoparticles	Shagufta Bi	IFTM, University, India	
	Break							
	Room 1	Session 6	10:00 (GMT)	12:00 (GMT)	Dual-Action Adsorbent: High-Efficiency Fluoride Removal with Antibacterial Properties for Water Treatment	Srilakshmi Chilukoti	School of Science, GITAM, India	
					Optical Properties and Applications of Plasmonic-Metal Nanoparticles	Adil Bouhadiche	Dev. of Advanced Technologies, Algeria	
					Anticancer Activity of Poly acetal /Chitosan Gold Nanocomposite	Maha younus	University of Baghdad, Iraq	
					Toxicological and Histological Efficacy of Nano Formulation of Some Insecticides and Essential Oils Against 4th Instar Larva of Cotton Leaf Worm and Male Rats	Trandil Wahba	Agriculture Research Center, Egypt	
					Preparation, Characterization of silver nanoparticles and their interaction with the hydrazine molecule in aqueous medium	Isma Salah salah	Université 8 mai 1945, Algeria	
					Iron-Doped Graphene via CVD: Tailoring Magnetic Properties for Advanced Spintronics and Data Storage Devices	Salah Oudjertli	Research Center in Industrial Technologies, Algeria	
					Best Reviewer Award / Young Scientist Award Lecture / Scientific Excellent Award Lecture			
Close Room								