



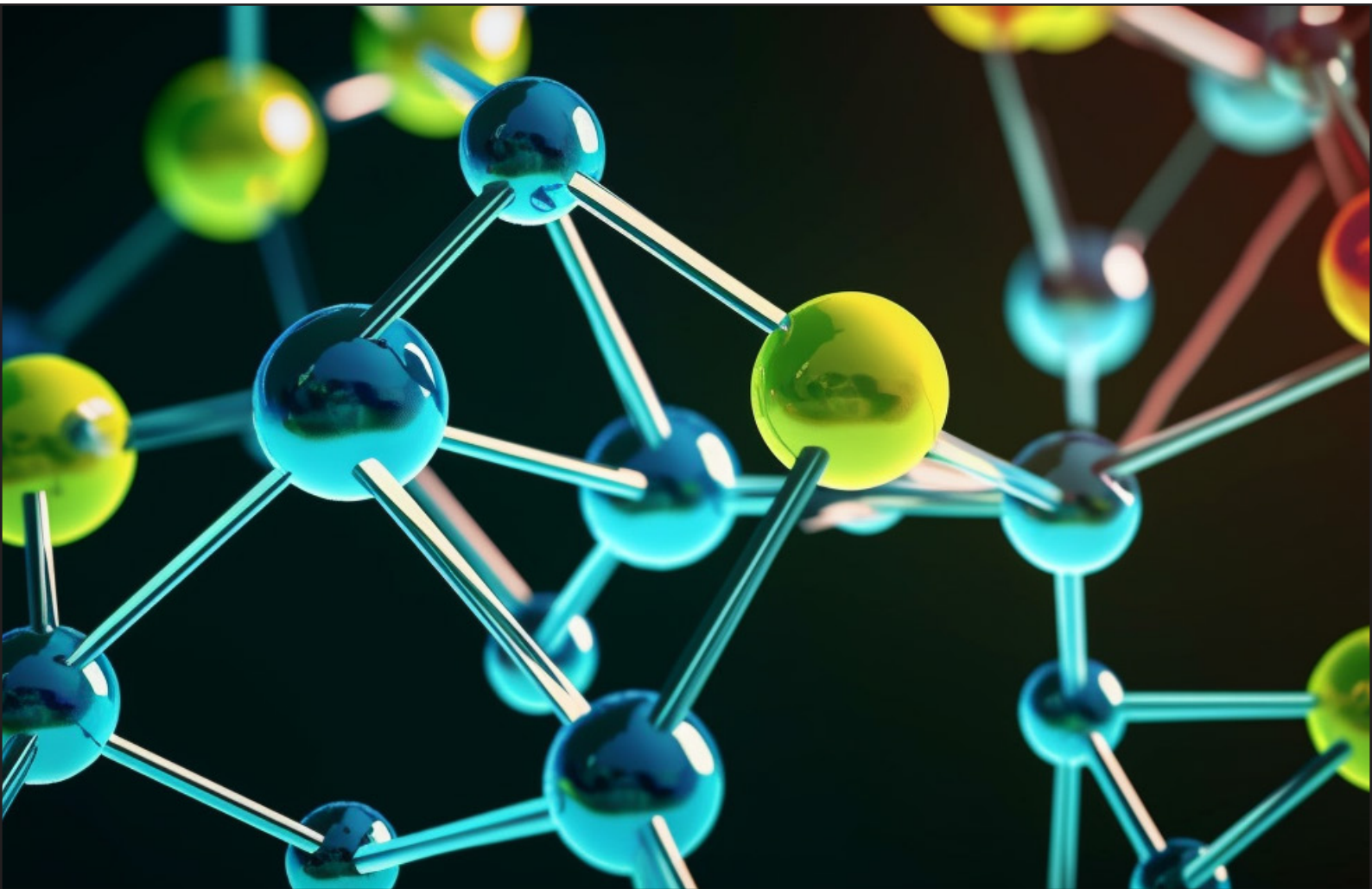
 Coalesce Research Group

10TH INTERNATIONAL CONFERENCE ON

MATERIALS SCIENCE & ENGINEERING

October 17-18, 2024

ANA Crowne Plaza Narita, Tokyo, Japan



Theme: “Developing and Understanding Materials for use in
Innovative Engineering Applications”

<https://materialsconferences.com/>

Presentation	Title: Thermal characteristics of closed porous aluminum foams infiltrated with phase change material (PCM) Rico Schmerler , Fraunhofer Institute for Machine Tools and Forming Technology IWU, Germany
Presentation	Title: The influence of cold spray parameters and feedstock powder sizes on corrosion behavior of cold sprayed Inconel®625 deposits Farrokh Taherkhani , Helmut-Schmidt-University/University of the Federal Armed Forces Hamburg, Germany
Presentation	Ambient Air-Processed CsPbI ₃ -Based Perovskite Solar Cell Via Semi-Sputtering Deposition And Numerical Studies Of Cs ₃ Sb ₂ I ₉ -Based Perovskite Solar Cell Hasina Huq , The University of Texas Rio Grande Valley, Texas
Presentation	Tailoring Composite Materials for Enhanced EM Pollution Mitigation: The Role of Carbon Black and Cobalt Yi-Jen Huang , National Chin-Yi University of Technology, Taiwan
Presentation	Computer-assisted Planning, Manufacturing and Surgical Implantation of an Individualized 3D Printed Titanium Cage for Cervical Fusion Uwe Spetzger , Karlsruhe Institute for Technology, Germany
Presentation	Title: Effect of Zinc Oxide (ZnO) Dopant on the Physical and Electrical Properties Potassium Sodium Niobate Thin Films Mohd Warikh Abd Rashid , Universiti Teknikal Malaysia, Malaysia
Keynote/Speaker Slots Available	
Presentation	Title: Investigation of Heat Treatment on Dry Sliding Wear Behaviour of Thixoformed GNPs-A356 Matrix Composites Mohd Shukor Salleh , Universiti Teknikal Malaysia, Malaysia
Presentation	Title: Molecular mechanism of viscoelastic creep deformation of polyelectrolyte Elastomers Mohammad Reza Adibeig , Southern university of science and technology, China
Presentation	Title: Calibration of Visco-hyperelastic Materials using Cyclic Loading Abuzar Es'haghi Oskui , Southern university of science and technology, China
Presentation	Electrospun Polymeric Membranes for Tissue Engineering and Cell Growth Maria Helena Ambrosio Zanin , IPT - Instituto de Pesquisas Tecnologicas, Brazil
Presentation	Enhanced Electromagnetic-Wave Absorption Properties of Photosensitivity Epoxy/Nano Cobalt Buckyball Metastructure Composites Yu-Cheng Kuo , National Chin-Yi University of Technology, Taiwan
Presentation	Preparation and application of new materials based on natural deep eutectic solvents for extraction environmental pollutants Justyna Werner , Poznan University of Technology, Poland

Presentation	Characterization of Amino-terminated Self-Assembled Monolayer on Cu/Porous low-k Dielectrics
	Yi-Lung Cheng , National Chi-Nan University, Taiwan
Presentation	Preparation of nanostructured copper oxide by means of wet corrosion process (WCP) and their application to photocatalysis
	Yuta Igawa , Shibaura Institute of Technology, Japan
Presentation	Thorium Salts' Structural Features and Their Room Temperature Superconductivity
	Dong Zhao , Honda Research Institute, USA
Presentation	Title: Quality control in 3D-printing: Accuracy analysis of 3Dprinted models of patient-specific anatomy
	Ahmed Ghazy , Johannes-Gutenberg University, Germany
Presentation	Title: The nanoscale dimension and its role in the development of advanced polymeric hybrid materials
	Ioannis Zuburtikudis , Abu Dhabi University, UAE

Oral/Poster Slots Available
Delegates/ Listeners Slots Available
Exhibitor/Sponsor Slots Available

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DATES TO REMEMBER	
Abstract submission Deadline	29 th April, 2024
Early Bird Registration	30 th April, 2024
On spot registration:	17 th October, 2024

REGISTRATION INCLUDES
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Venue: ANA Crowne Plaza Narita, Tokyo, Japan

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