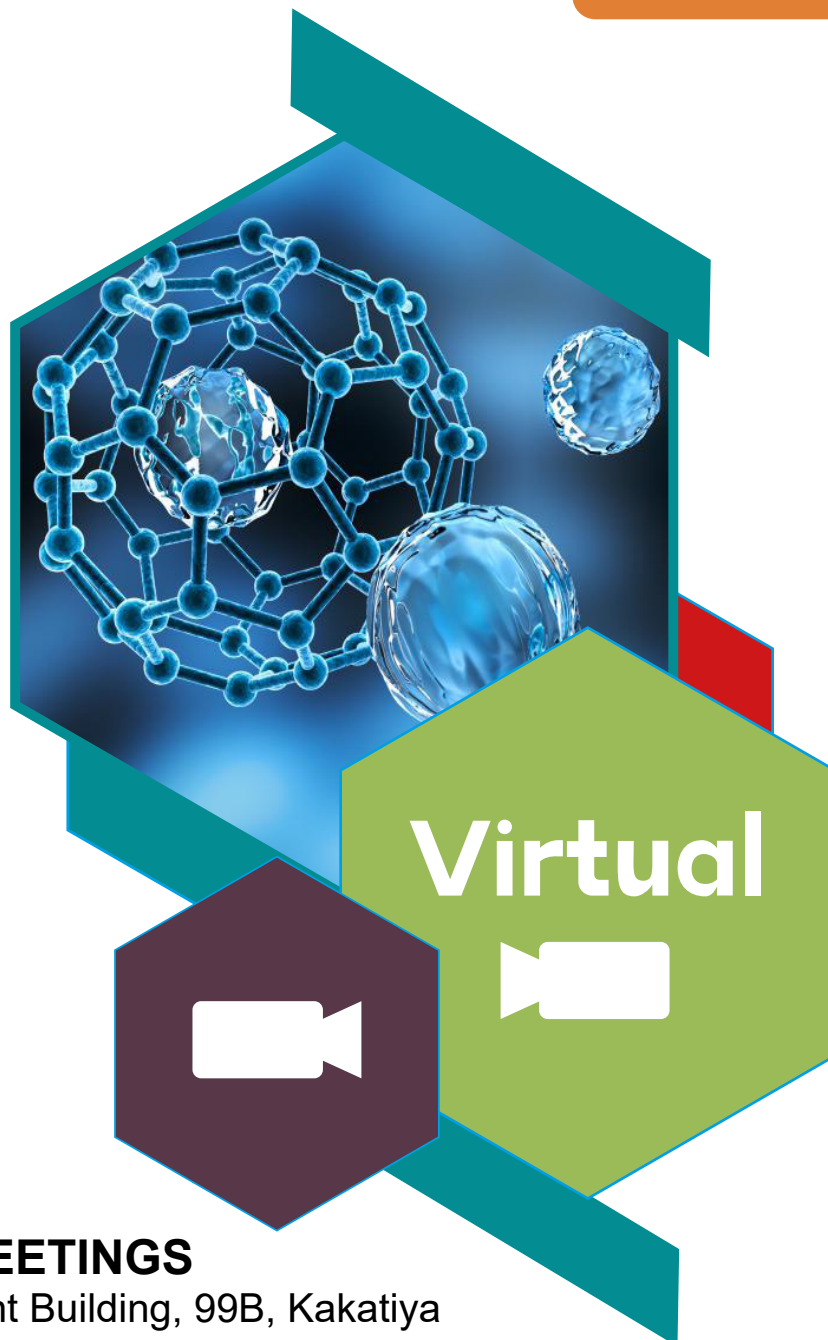


MATERIALSMEET2021

OCTOBER 11-13, 2021

Final Program



ALBEDO MEETINGS

Floor# 3, Advant Building, 99B, Kakatiya
Hills, Kavuri Hills, Madhapur Hyderabad,
TS 500033

Email: contact@albedomeetings.com

MONDAY, OCTOBER 11, 2021 | London Time Zone (GMT+1)

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|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 09:00-09:40 | Title: Recent Research Trend in Advanced Composites – Digital Manufacturing and Applications Alan Kin Tak Lau , Swinburne University of Technology, Melbourne, Australia | P |
| 09:40-10:05 | Title: Approximate Analytical Study of Hybrid Nanofluids in the Presence of Magnetic Field with Convective Boundary Condition over a Stretching Surface Zabidin Salleh , Universiti Malaysia Terengganu, Malaysia | I |
| 10:05-10:30 | Title: Characterization of III-V semiconductor nanostructures for high efficiency solar cells and telecommunication systems by transmission electron microscopy related techniques Daniel F. Reyes , University of Cadiz, Spain | I |
| 10:30-10:55 | Title: Composite Coatings Formed on Non-ferrous Metals by PEO and Fluoropolymers Konstantine Nadaraia , Russian Academy of Sciences, Russia | I |
| 10:55-11:35 | Title: Electrochemiluminescence Biosensing with Nanoparticles and Polymer Dots as Emitters Huangxian Ju , Center of Nanjing University, China | P |
| 11:35-12:00 | Title: Multifunctionalized carbon nanotubes for cancer diagnosis Ménard-Moyon , CNRS, Strasbourg, France | I |
| 12:00-12:40 | Title: Recent advances in ultra-fast charging of lithium-ion batteries Rachid yazami , CNRS, Grenoble, France | P |
| 12:40-13:05 | Title: Electrophoretic Deposition Of Nickel Hydroxide Particles to Shape Nickel Oxide Film Siham MOUHTADI Universite de Franche-Comte, France | I |
| 13:05-13:35 | Title: Applying of Modified Materials with Ionic liquids in Advanced Water Treatment Technologies Lavinia Lupa , University Politehnica Timisoara, Romania | P |
| 13:35-14:15 | Title: Recent Development of Nanomaterials and Nanotechnology in Nuclear Energy You Qiang , University of Idaho, USA | P |
| 14:15-14:45 | Title: Engineering the Cellular Micromechanical Environment in Spinal Tissue Engineering Scaffolds Christian Puttlitz , Colorado State University, USA | K |
| 14:45-15:15 | Title: Self-aware Engineered Materials: A Technological Revolution in Material Science Amir H. Alavi , University of Pittsburgh, USA | K |

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| 15:15-15:40 | Title: Environmental Applications of Nanotechnology using Green Chemistry Methodologies RICARDO ANDRÉS SOLANO PIZARRO , University of Cartagena, Colombia | I |
| 15:40-16:05 | Title: 2,4-Dichlorophenoxyacetic Acid Adsorption onto a Magnetic Composite of Activated Carbon from Yam Waste and Fe ₃ O ₄ Nanoparticles Udualdo José Herrera García , University of Cartagena, Columbia | I |
| 16:05-16:30 | Title: Metals as biosurfaces in implanted medical devices: open issues and new strategies for an improved host response Silvia Spriano , DISAT, Italy | I |
| 16:30-17:10 | Title: TBC Ilaria Cacciotti , University of Niccolò Cusano, Italy | P |
| 17:10-17:35 | Title: Functionally Graded Materials for Construction: Developing Seamless Transitions between Glass and Structural Geopolymer-based Concrete Shadi Nazarian , Pennsylvania State University, USA | I |
| 17:35-18:00 | Title: Effect of Carbonaceous Nanomaterials on the Combustion Characteristics of Diesel Fuel by Using a Single Drop Combustion Anderson Gallego Montoya , Institución Universitaria Pascual Bravo, USA | I |
| 18:00-18:25 | Title: Nonlinear Optical Properties of Colloidal Magnetic Nanoparticles Antônio Martins , SPIE Photonics West, USA | I |
| 18:10-19:35 | Title: Steel cleanliness assessment: The prospect of Raman spectroscopy application through the characterisation of synthetic non-metallic inclusions associated with Al-killed calcium treated steels Francis Gyakwaa , University of Oulu, Finland | I |
| End of the program | | |