



SCIENTIFIC PROGRAM

6th Global Conference & Expo on
**Materials Science
and Engineering**

4th Global Conference & Expo on
**Nanoscience
and Nanotechnology**

June 23-24, 2023 | Dubai, UAE

Novotel Suites Dubai Mall of the Emirates,
2A Street - opposite Mall of The Emirates - Al Barsha - Al Barsha 1 - Dubai - United Arab Emirates
Conference Code: **MKJDCXDG**

Day 1 June 23, 2023

08:00-09:00 | Registrations

09:00-09:30 | Introduction & Opening Ceremony

Conference Chair | Abdelmageed A. Elmustafa, Old Dominion University, Norfolk and Newport News, USA

Plenary Session

09:30-10:30 | Title: Research activities in the Applied Research Center Located inside Thomas Jefferson National Accelerator Facility Including Synthesize and RF Magnetron Sputtering of HEAs and Microelectronic Thin Films

Abdelmageed A. Elmustafa | Old Dominion University, Norfolk and Newport News, USA

10:30-11:30 | Title: Influence of the particle size on the physical and biological properties of a modified 45S5 Bioglass®

Manuel Pedro Fernandes Graça | University of Aveiro, Portugal | Materials Science & Engineering

11:30-11:45 Networking & Refreshments Break

Keynote Session

Session Chair | Ananta R Adhikari | State University of New York, Potsdam

Session | Electromagnetic Wave-Based Material Processing

11:45-12:45 | Title: Microwave Radiation-Based Modification in Material Science Engineering

Ananta R Adhikari | State University of New York, Potsdam | Electromagnetic Wave-Based Material Processing

12:45-14:00 Group Photos & Lunch Break

14:00-15:00 | Title: Coexisting and Cooperating Light-Matter Interaction Regimes in Meta-Voltaic Systems

Roberto Termine | CNR-NANOTEC, University of Calabria, Italy

15:00-16:00 | Title: Developing Interface-Tuned Heterostructures at Nanoscale for Catalytic and Photocatalytic Applications

Umapada Pal | Autonomous University of Puebla, Mexico | Advanced Nanomaterials

16:00-16:15 Networking & Refreshments Break

16:15-17:15 | Title: Smart Spatial Analyses in Land Levelling

Isham Alzoubi | School of Surveying Geospatial Engineering Department of Surveying and Geomatics Engineering, Syria

Video Presentation

V-001 | Title: Preliminary Analysis of Sri Lankan Clay Species on behalf of the Water Treatments and Subduing of Microorganisms

Suresh Aluvihara | University of Peradeniya, Peradeniya, 20400, Sri Lanka

V-002 | Title: Lithographic Additive Manufacturing Using Nanoparticles Paste

Soshu Kiriara | Osaka University, Japan | Advances In Dielectric Materials And Electronic Devices

End of the Session

Day 2 June 24, 2023

Keynote Session

09:30-10:30 | Title: Advanced Nano-Imprinting Lithography for Fabricating Plasmonic Metasurfaces with Optical Applications

Yung-Chun Lee | National Cheng Kung University, Taiwan | Applications Of Nanotechnology In Other Fields

10:30-11:30 | Title: Influence of Cationic Ions on Bioactive Glasses to Enhance the Biological Response in Bone Regeneration

Silvia Rodrigues Gavinho | University of Aveiro, Portugal | Biomaterials And Tissue Engineering

11:30-11:45 Networking & Refreshments Break

11:45-12:45 | Title: Recent Developments of Laser-Plasma Method of Nanomaterials and Nanosystems Preparation

Paata Kervalishvili | Georgian Technical University, Georgia

12:45-14:00 Group Photos & Lunch Break

14:00-15:00 | Title: Preparation and Characterization of a Hybrid Nanomaterial Through a Novel Microwave Energy-based Approach

Selçuk Poyraz | Adiyaman University, Turkey | Electromagnetic Wave-Based Material Processing

15:00-16:00 | Title: On the Influence of Membrane Thickness on Hydrogen Gas Separation

Alexander Klimenko | The University of Queensland, Australia

16:00-16:15 Networking & Refreshments Break

16:15-17:15 | Title: Morphing Green Aircraft Design Technologies for Fuel Consumption Reduction

Ruxandra Mihaela Botez | École de technologie supérieure, Université de Québec, Canada

Plenary Session

17:15-18:15 | Title: The Facilitation of Efficient Production Planning for Multinational Automobile Organizations: Forecasting import vehicle sales via macroeconomic trade policy

James J Tanoos | Purdue University, USA | Big Data in Materials Science

Taylor Bailey | Purdue University, USA | Big Data in Materials Science

Video Presentation

V-001 | Title: Stereolithographic Additive Manufacturing of Ceramic Components with Fine Microstructures

Soshu Kirihara | Osaka University, Japan | Advances In Dielectric Materials And Electronic Devices

V-002 | Title: The Method of Algebraic Inequalities and Its Application for Optimising Systems and Processes in Engineering

M.T.Todinov | Oxford Brookes University, UK | Materials Science & Engineering

V-003 | Title: The Advanced Applications of Earth Materials based upon the Adsorption and Absorption Processes

Suresh Aluvihara | University of Peradeniya, Peradeniya, 20400, Sri Lanka

Upcoming Conferences

2023
Rome, Italy

Global Summit on
Civil, Architectural, and Environmental Engineering.
October 16-17, 2023.
Web: <https://inovscitechconferences.com/23/rome/civilarchenveng/>

4th International Conference on
Aerospace, Mechanical and Mechatronics Engineering.
October 16-17, 2023.
Web: <https://inovscitechconferences.com/23/rome/mechengg/>

3rd International Conference on
Robotics and Artificial Intelligence.
October 16-17, 2023.
Web: <https://inovscitechconferences.com/23/rome/robartInt/>

5th Global Conference & Expo on
Nanoscience and Nanotechnology.
October 18-19, 2023.
Web: <https://inovscitechconferences.com/23/rome/nanscitech/>

Global Summit on
Nanomaterials and Applications.
October 18-19, 2023.
Web: <https://inovscitechconferences.com/23/rome/nanmatapp/>

Global Summit on
Chemical Engineering and Catalysis.
October 20-21, 2023.
Web: <https://inovscitechconferences.com/23/rome/cheengcat/>

6th International Conference on
Biopolymers and Polymer Chemistry.
October 20-21, 2023.
Web: <https://inovscitechconferences.com/23/rome/biopolychem/>

5th International Conference on
Applied Science, Engineering, and Technology.
October 20-21, 2023.
Web: <https://inovscitechconferences.com/23/rome/appsciengtech/>

2024
Kuala Lumpur, Malaysia

Global Conference & Expo on
3D Printing & Additive Manufacturing.
April 22-23, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/3d-printing/>

5th International Conference on
Aerospace, Mechanical and Mechatronics Engineering.
April 22-23, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/mechengg/>

7th Global Conference & Expo on
Materials Science and Engineering.
April 22-23, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/matscieng/>

6th Global Conference & Expo on
Nanoscience and Nanotechnology.
April 22-23, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/nanscitech/>

2nd International Conference on
Optics, Photonics, and Lasers.
April 24-25, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/lasoptpho/>

International Conference on
Astronomy, Astrophysics and Space Science.
April 24-25, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/astrophysics/>

International Conference on
Electronics and Electrical Engineering.
April 24-25, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/eee/>

International Conference on
Renewable and Sustainable Energy.
April 24-25, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/renewseng/>

Global Conference on
Public Health and Healthcare Management.
April 26-27, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/public-health/>

Global Conference on
Nursing and Health Care.
April 26-27, 2024.
Web: <https://inovscitechconferences.com/24/malaysia/nursing/>

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