



One Day (Online) Meeting on
ADVANCES IN MATERIALS' SCIENCE
(AIMS-2024)

9th AUGUST, 2024

ORGANIZED BY

DEPARTMENT OF PHYSICS
VISVA-BHARATI UNIVERSITY, SANTINIKETAN
INDIA

SUPPORTED BY
INDIAN JSPS ALUMNI ASSOCIATION (IJAA)

The meeting aims at connecting scientists, researchers and students of universities / institutes working in the field of materials science and also to provide a platform for coming together virtually to exchange/explore ideas. This conference will majorly focus on the advancement in the field of materials science research. Scientists from India and Japan will deliver talks about their research in this meeting.

Topics to be covered: *Nano-structured materials, QDs, Nanotechnology, Organic Conductors and Semiconductors, Fluorescent Materials, Energy Materials, Supercapacitors*

Registration is free. Participation certificate will be issued.

For Registration, use the following link:

<https://forms.gle/KKtZxDaYd4FAXHox8>

Registration starts on 15th July, 2024

Last Date of Registration: 30th July, 2024

Online meeting link will be provided to the registered participants.

CONTACT:

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"The highest education is that which does not merely give us information but makes our life in harmony with all existence"

- Rabindranath Tagore

Speakers & Topics

Keynote Speaker



Prof. K.K. Chattopadhyay

Department of Physics
Jadavpur University
Kolkata

Nanotechnology for Energy Harvesting and Self-powered Sensing Applications

Invited Speakers



Dr. Hiroki Akutsu

Graduate School of Science
Osaka University
Japan

Research and Development of Polar Organic Conductors



Dr. Pratap K. Sahoo

School of Physical Sciences
NISER-Bhubaneswar
India

Imitating Lotus Leaf Effect in Artificially Synthesized Quantum Dots



Dr. Takeshi Komino

Graduate School of Science
University of Hyogo
Japan

Plasmonic Effects on Organic Fluorescent Materials



Dr. Ranjith G. Nair

Department of Physics
NIT-Silchar
India

Advanced Energy Materials for Green Energy Production & Environmental Sustainability



Dr. R. K. Vijayaraghavan

Department of Chemical Sciences
IISER-Kolkata,
India

Efficient n-Channel OFETs from Engineered Molecular Assemblies



Dr. Gulam Nabi Dar

Department of Physics,
University of Kashmir, Srinagar,
India

Nanocomposite Supercapacitors: A Leap Forward in Sustainable Energy Storage