

One Day (Online) Meeting on



ADVANCES IN MATERIALS' SCIENCE

(AIMS-2024)

9th AUGUST, 2024

ORGANIZED BY

DEPARTMENT OF PHYSICS VISVA-BHARATI UNIVERSITY, SANTINIKETAN <u>INDIA</u>

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:

Prof. Ashis Bhattacharjee (**Convener**) Department of Physics, Institute of Science Visva-Bharati, Santiniketan-731235, India. Mobile: +91-9434142050 Email: AIMS2024.VB@GMAIL.COM

"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. Hírokí Akutsu

Graduate School of Science Osaka University Japan

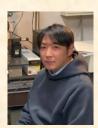
Research and Development of Polar Organic Conductors



Dr. Pratap K. Sahoo

School of Physical Sciences NISER-Bhubaneswar India

Imitating Lotus Leaf Effect in Artificially Synthesized Quantum Dots



Dr. Takeshí Komíno

Graduate School of Science University of Hyogo Japan

Plasmonic Effects on Organic Fluorescent Materials



Dr. Ranjíth G. Naír

Department of Physics NIT-Silchar India

Advanced Energy Materials for Green Energy Production & Environmental Sustainability



Dr. R. K. Víjayaraghavan

Department of Chemical Sciences IISER-Kolkata, India

Efficient n-Channel OFETs from Engineered Molecular Assemblies



Dr. Gulam Nabí Dar

Department of Physics, University of Kashmir, Srinagar, India

Nanocomposite Supercapacitors: A Leap Forward in Sustainable Energy Storage