

Event Schedule

Fri, Nov 24, 2017

8:00am

Registration & Morning Breakfast

🕒 8:00am - 9:30am, Nov 24

📍 Main Entrance

Registration Counter will be arranged Main gate of Auditorium. Breakfast will continue in dining hall (Entrance from side gate).

9:00am

Inaugural Ceremony

🕒 9:30am - 10:00am, Nov 24

📍 Auditorium

10:00am

Keynote Session

🕒 10:00am - 11:00am, Nov 24

📍 Auditorium

Session Chair: Prof. A K Nigam, TIFR, Mumbai Session Co-Chair: Dr. Govind Prasad Kothiyal, Former Head, Glass and Advanced Ceramic Division, BARC, Mumbai

2 Subsessions

- **CHALGOGENIDE COMPOUNDS AS PROMISED MULTI-FUNCTIONAL OPTOELECTRONIC MATERIALS FOR IR SPECTRAL RANGE**

🕒 10:00am - 10:30am, Nov 24

- **Low Field Tunable Microwave Absorption in Magnetic, Multiferroic and Superconducting Materials**

🕒 10:30am - 11:00am, Nov 24

11:00am

Networking Time (High Tea)

🕒 11:00am - 11:30am, Nov 24

📍 Dining Hall

Invited Session-I

🕒 11:30am - 1:30pm, Nov 24

📍 Auditorium

Session Chair: Prof. Michal Piasecki, Jan Dlugosz University, Poland Session Co-Chair: Dr. Chintamani Das, Programme Officer (BSC), BARC, Mumbai

4 Subsessions

- **Bioactive Nano-crystalline Silcophosphates: Role of additives**

🕒 11:30am - 12:00pm, Nov 24

- **EXPEDITIONS ALONG THE GRAPHITE-GRAPHENE HIGHWAY**

🕒 12:00pm - 12:30pm, Nov 24

- **Insulating properties of ZnO based glass ceramic - A potential material for the applications in PDPs**

🕒 12:30pm - 1:00pm, Nov 24

- **Emergent metallic layer, superconductivity, magnetism, defects and Lifshitz transition in the oxide hetero-interface**

🕒 1:00pm - 1:30pm, Nov 24

● 1:00pm

Lunch

🕒 1:30pm - 2:15pm, Nov 24

📍 Dinning Hall

● 2:00pm

Poster Session -I

🕒 2:15pm - 3:30pm, Nov 24

📍 First Floor Gallery

● 3:00pm

Poster Session -II

🕒 3:30pm - 4:30pm, Nov 24

📍 First Floor Gallery

● 4:00pm

Networking Time (Tea Break)

🕒 4:30pm - 4:45pm, Nov 24

📍 Dinning Hall

YAA Presentations

🕒 4:45pm - 6:00pm, Nov 24

📍 Auditorium

Session Chair: Prof. P. N. Gajjar, Department of Physics, Gujarat University, AHMEDABAD Session

Co-Chair: PROF. A. S. PATRA, Professor & H.O.D. Department of Physics, Sidho-Kanho-Birsha University, Purulia, West Bengal

7:00pm

Cultural Programme

🕒 7:00pm - 8:00pm, Nov 24

📍 Auditorium

8:00pm

Dinner

🕒 8:00pm - 10:00pm, Nov 24

📍 Dinning Hall

Sat, Nov 25, 2017

8:00am

Morning Breakfast

🕒 8:00am - 8:30am, Nov 25

📍 Dinning Hall

Invited Session-II

🕒 8:30am - 11:00am, Nov 25

📍 Auditorium

Session Chair: Prof. Vijaya Srinivasu Vallabhapurapu, University of South Africa, Pretoria, South Africa

Session Co-Chair: Prof. N. Veeraiah, Department of Physics, Acharya Nagarjuna University, Nagarjunanagar

5 Subsessions

● Integration of FTTH and Ethernet Transmission in a WDM PON using Reflective

Semiconductor Amplifier and Polarization Multiplexing

🕒 8:30am - 9:00am, Nov 25

- **Magnetic and Magneto-caloric properties of magnetic antiperovskites: Potential Functional material**

🕒 9:00am - 9:30am, Nov 25

- **Magnetism of Nano-Crystalline Zn ferrite thin films.**

🕒 9:30am - 10:00am, Nov 25

- **In-situ formed surface film on the control of corrosion of alloys**

🕒 10:00am - 10:30am, Nov 25

- **New aspects of microwave absorption in Ni-Mn based Heusler alloy thin films**

🕒 10:30am - 11:00am, Nov 25

● 11:00am

High Tea

🕒 11:00am - 11:15am, Nov 25

📍 Dinning Hall

Poster Session-III

🕒 11:15am - 12:15pm, Nov 25

📍 First Floor Gallery

● 12:00pm

Poster Session-IV

🕒 12:15pm - 1:15pm, Nov 25

📍 First Floor Gallery

● 1:00pm

Lunch

🕒 1:15pm - 2:00pm, Nov 25

📍 Dinning Hall

● 2:00pm

Invited Session-III

🕒 2:00pm - 4:00pm, Nov 25

📍 Auditorium

Session Chair: Prof. Shiv Prasad, IIT, Bombay, Mumbai Session Co-Chair: Prof. Ananthakrishnan Srinivasan, Deptt. of Physics, IIT Guwahati, Guwahati

4 Subsessions

- **ULTRAFAST OPTICS FOR INNOVATIVE SPECTROSCOPIES**

🕒 2:00pm - 2:30pm, Nov 25

- **State of Art Model of Thermal Diode and Thermal Transistor - Basic Building Blocks for Controlling Flow of Phonons at Low Dimension**

🕒 2:30pm - 3:00pm, Nov 25

- **Invited Talk**

🕒 3:00pm - 3:30pm, Nov 25

- **MoS2 Based Ultrafast and Reversible NO2 Sensor**

🕒 3:30pm - 4:00pm, Nov 25

● 4:00pm

Networking Time (Tea Break)

🕒 4:00pm - 4:30pm, Nov 25

📍 Dinning Hall

Valedictory Session

🕒 4:30pm - 5:00pm, Nov 25

📍 Auditorium