

**DEPARTMENT OF PHYSICS**  
**ASSAM UNIVERSITY SILCHAR**

**A Short Report on programs organized in the Department.**

(Note: Full video of the events may be watched from the YouTube channel of the Department viz: **Department of Physics, Assam University, Silchar**)

8. International workshop on “Applications of Group Theory in Physics” November 2-11, 2020

The workshop provides a glimpse to the various applications of group theory in physics, starting from the very basic to some of the most exciting areas of theoretical physics. More than 400 participants from within India and abroad have registered for the workshop.

**Convener:** Prof. Atri Deshamukhya, Assam University, Silchar

**LOC Chairperson:** Prof. B. Indrajit Sharma, HOD Physics, Assam University, Silchar

**Speakers:**

Prof. A. P. Balachandran, Syracuse University;

Prof Fedele Lizzi , Univ Napoli, Itali;

Prof Frederik G Scholtz, Stellenbosch University, South Africa;

Prof. Latham Boyle, Perimeter Institute, Waterloo, Canada;

Prof Ananda Dasgupta, IISER, Kolkata, India;

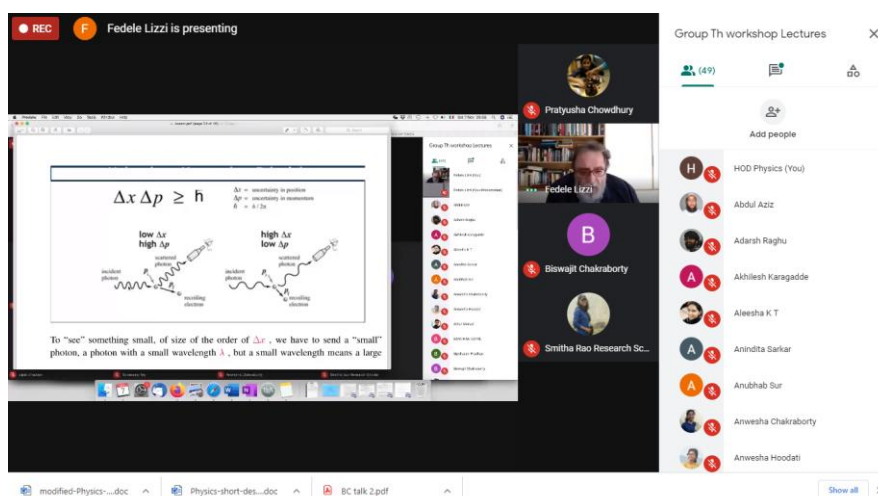
Prof. T.R.Govindarajan, Emeritus, Institute of Mathematical Sciences, Chennai;

Dr. Shane Farnsworth Max Planck Institute for Gravitational

Physics(Albert Einstein Institute), Potsdam, Germany;

Prof. Sachindeo Vaidya, CHEP, IISc, Bangalore, India;

Prof .Biswajit Chakraborty, S N Bose National Center for Basic Sciences, India.



9. International webinar in Nanoscience and Nanomaterials: November 16-17, 2020

**Convenor:** Prof. B. Indrajit Sharma, HOD Physics, Assam University, Silchar

**Chairperson:** Prof. Atri Deshamukhya, Assam University, Silchar

The conference provides an online platform for exchanging and sharing scientific knowledge in Nanoscience and Nanomaterials, a new and fast developed branch of Science. Around 192 participants have registered for the conference.

**Speakers:**

Dr. Laishram Tomba Singh, Pohang University of Science and Technology, South Korea

Dr. Syed Arshad Hussain, Tripura University, Tripura

Prof. Sangam Chatterjee, Justus-Liebig-University, Giessen, Germany

Dr. K. Jugeshwar Singh, Indian Institute of Science, Bangalore



10. Webinar on “The Standard Model and Beyond”, December 7-8, 2020.

**Convenor:** Prof. Atri Deshamukhya, Assam University, Silchar

**LOC Chairperson:** Prof. B. Indrajit Sharma, HOD Physics, Assam University, Silchar

The webinar throws light on different aspects of the standard model, different unanswered issues and also on developments of theories/models beyond the standard model. Around 270 participants have registered for the webinar.

**Speakers:**

Prof. Sreerup Raychaudhuri, TIFR Mumbai

Prof. Rajesh Gopakumar, ITCS TIF Bangalore

Prof. Pasquale, Serpico LAPTh-CNRS

Dr Rishi Khatri, TIFR Mumbai

Prof Nabakumar Mondal, SINP Kolkata.



### 11. Public talk on “Leadership and Nation Building”, December 12, 2020

A public talk on the theme “Leadership and Nation Building” was organised by the Research Scholars of the Department in the evening on 12 December, 2020. Around 230 participants registered for the program.

**Speaker:** Sharad Vivek Sagar, Founder, Dexterity Global

