

## **Technical Program with session wise details and name of session chair/co-chair**

**12<sup>th</sup> Vidyasagar Satyendra Nath Bose National Workshop on *Advances in Physics : Theories & Applications (APTA-2023)***

**Day 01, 28.02.2023**

**Inauguration : (11:00 hrs-11:45 hrs)**

**High tea (11:45 hrs-12:00 hrs)**

**Keynote Address : (12:00hrs-13:00hrs)**

Prof. Tanusri Saha Dasgupta, Director, SN Bose National Centre for Basic Sciences, Kolkata

**LUNCH BREAK (13:00 hrs- 14:00 hrs)**

**Technical session 01 (14:00 hrs- 15.30 hrs) SN Bose session**

**Chair person :** Prof. Tanusri Saha Dasgupta, SNBNCBS, Kolkata

**Speakers :**

Prof. Biswarup Mukhopadhyay, IISER, Kolkata

Prof. Saquib Shamim, SN Bose National Centre for Basic Sciences, Kolkata

**TEA BREAK : (15:30 hrs -15:45 hrs)**

**Technical session 02 (15:45 hrs- 17.15 hrs)**

**Chair person :** Prof. Biswarup Mukhopadhyay, IISER, Kolkata

**Speakers :**

Prof. Srabani Taraphder, IIT, Kharagpur

Prof. Manoranjan Kar, IIT, Patna

**Interactive Session : (17:15 hrs- 18.00 hrs)**

Students' Interaction with the Resource Persons

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**Day 02, 01.03.2023**

**Technical session 03 (11.00 hrs- 13.15 hrs)**

**Chair person :** Prof. P.K. Mahapatra, Siksha O Anusandhan University, Bhubaneswar, Odisha

**Speakers :**

Prof. Partha Sarathi Majumder, IACS, Kolkata

Prof. S.K. Ray, IIT, Kharagpur

Prof. Mrinal Pal, CGCRI, Kolkata

**LUNCH BREAK (13:15 hrs- 14:00 hrs)**

**Technical session 04 (14.00 hrs- 15.30 hrs)**

**Chair person :** Prof. Mrinal Pal, CGCRI, Kolkata

**Speakers :**

Prof. Bikash Chakrabarti, SINP, Kolkata

Prof. Soumitro Banerjee, IISER, Kolkata

**Contributory Session (15:30 hrs -17:30 hrs)**

**Oral Presentation (15:30 hrs - 16:30 hrs)**

**Poster Presentation with Tea (16:30 hrs- 17:30 hrs)**

**Science Documentary : 17:30 hrs -18:30 hrs**

**Day 03, 02.03.2023**

**Technical session 05 (11.00 hrs- 12.30 hrs)**

**Chair person:** Prof. S. Saha, Vidyasagar University

**Speakers :**

Dr. Tapas Kuila, CMERI, Durgapur

Prof. Arunava Chakraborty, Presidency University, Kolkata

**LUNCH BREAK (12:30 hrs- 13:30 hrs)**

**Technical session 06 (13.30 hrs- 15.00 hrs)**

**Chair person:** Prof. Arunava Chakraborty, Presidency University, Kolkata

Prof. Debnarayan Jana, Calcutta University

Prof. Bobby Ezhuthachan, Ramakrishna Mission Vivekananda Educational and Research Institute, Howrah

**TEA BREAK : (15:00 hrs -15:15 hrs)**

**Technical session 07 (15.15 hrs- 16.45 hrs)**

**Chair person:** Prof. Santosh Kumar Ghorai, Vidyasagar University

Prof. Sabyasachi Kar, School of Physics, Herbin Institute of Technology, China

Prof. Ramachandran Shankar, Institute of Mathematical Sciences (IMSC), Chennai

**Valedictory session : 16.45-17.00 hrs**