

# **Annual Report**

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## **Audited Statement of Accounts**

**2022-23**



# **Institute of Physics**

**BHUBANESWAR**



to Cell” at ICTS-TIFR, Bangalore (20 October 2022)

- Invited colloquium on “Stochastic thermodynamics and entropy production in the active matter” at LPTM, CY Cergy Paris University, Paris, France on 29 September 2022.
- Invited lecture on “Active particles: from single particle to collective motion” at LPTM, CY Cergy Paris University, Paris, France on 5th October 2022.
- Invited lecture at S N Bose National Centre for Basic Sciences on “Active matter: from single particle trajectory to collective behavior” on 5 July 2022.
- Invited lecture at IISER-Mohali on “Active matter: role of persistence, fluctuations, alignment, and trapping,” delivered on 7th April 2022.

#### **Prof. Debakanta Samal**

- Funding: SERB, India (research grant No. CRG/Z019/005144) (continuing)
- Funding: Max Planck Partner group funded by Max Planck Society, Germany (continuing)

#### **Dr. Debottam Das**

- Organized Workshop on the Beyond the SM Particle Physics (Aug 30 – Sep 2, 2022)
- Organized International Meeting on the High Energy Physics (Feb 16 – 22, 2023)

#### **Dr. Manimala Mitra**

- Funding: Indo-French CEFIPRA project - 6304-2
- Organized IMHEP-II 2023, IOP, Bhubaneswar

#### **Dr. Kirtiman Ghosh**

- MATRICS (Mathematical Research Impact Centric Support) grant funded by the Science and Engineering Research Board (SERB) for the theoretical research and development of some specific new variants of the Extra-Dimensional Model. [MTR/2022/000989]

### **1.8 (B) AWARDS / HONOURS AND RECOGNITIONS SCHOLARS**

- Sanu Varghese (student) appointed as convener of the group on Strategy for Trigger Evolution and Monitoring (STEAM) by the CMS collaboration for two years (September 2022 to August 2024). This is a Level-2 convener position under CMS Trigger Coordination.

Best oral presentation award was conferred to my group PDF (Institute PDF), Dr. Joy Mukherjee in 7<sup>th</sup> International Conference on Nanoscience and Nanotechnology (ICONN2023), organized by SRM Institute of Science and Technology, Chennai (March 27, 2023).