



Workshop on Computational Oncology

Multiscale Cancer Modeling and Computational Drug Discovery

9th - 11th April, 2026 | THSTI, Faridabad

Organized by



In association with

Param Hansa Centre for Computational Oncology, IISc Bangalore

Theme: Advances in Systems Oncology Modeling

The Computational and Mathematical Biology Centre (CMBC), THSTI, in collaboration with the Param Hansa Centre for Computational Oncology, IISc Bangalore, is organizing a Workshop on Computational Oncology, highlighting recent advances in systems-level cancer research. The workshop focuses on cancer systems modeling, omics-driven approaches including epigenetic, spatial, and single-cell analysis, and computer-aided drug design (CADD) with hands-on training using Schrödinger molecular modeling tools. Designed for students, researchers, faculty, and industry professionals, the workshop emphasizes interdisciplinary and translational cancer research.

Focus Areas

- Introduction to Systems Oncology
- Spatial and Single-Cell Analysis
- Computational Modelling
- Computational Biophysics & Structure-Based Modeling (Schrödinger)
- Epigenetic Remodeling

Speakers



Dr. Philip Maini
University of Oxford



Dr. Debasisa Mohanty
NII



Dr. Mohit Kumar Jolly
IISc



Dr. Ramray Bhat
IISc



Dr. Samrat Chatterjee
THSTI



Dr. Shailendra Asthana
THSTI



Dr. Debarshi Sanyal
IACS



Dr. Sanjeev Galande
SNIOE



Dr. Kundan Sengupta
IISER Pune



Dr. Aayush Kant
IIT Delhi



Dr. Jyothi Prabhu
St Johns Research Institute



Dr. Geetashree Mukherjee
Tata Medical Center



Dr. Hamim Zafar
IIT Kanpur



Dr. Tushar Maiti
RCB



Dr. Parul Mehrotra
IIT Delhi

Organizers

Patron



Prof. G. Karthikeyan
Executive Director, THSTI

Convenors

Dr. Samrat Chatterjee, Professor, THSTI
Dr. Shailendra Asthana, Principal Scientist-II, THSTI
Dr. Mohit Kumar Jolly, Associate Professor, IISc

Registration Details

Category	Registration Fee (without accommodation)
UG/PG Students*	Rs. 3000/-
PhD Scholars*	Rs. 5500/-
Postdocs	Rs. 7000/-
Faculty/Scientist	Rs. 9000/-
Industry	Rs. 11000/-

Scan to Register



*On-campus accommodation will be provided to the shortlisted students
@Rs. 500/- per night.

Registration and abstract submission deadline:

28th Feb, 2026

https://thsti.in/componc_mcmdd/