

RECENT DEVELOPMENTS IN NONLINEAR DYNAMICS

FELICITATION EVENT HONOURING PROF. SOUMITRO BANERJEE

24TH OCTOBER 2025 VENUE : M.N SAHA AUDITORIUM, IISER KOLKATA

Time	Program	Chair	Speaker	Talk Title
10:00 am - 10:10 am	Welcome Address			
10:10 am - 10:35 am	Talk 1	Arindam Kundagrami	G. Ambika	Emergent dynamics of complex systems
10:40 am - 11:05 am	Talk 2		Soumyajit Seth	Equivalent Circuit Representation of Mechanical Impact Oscillators
11:05 am - 11:30 am	Tea break			
11:30 am - 11:55 am	Talk 3	Supratim Sengupta	Neelima Gupte	The analysis of Tropical cyclones : Cyclone Okhi, A case study
12:00 pm -12:25 pm	Talk 4		Tanmay Banerjee	Emergent dynamics of coupled quantum oscillators
12:30 pm -12:55 pm	Talk 5		Dhrubajyoti Mandal	Autonomous Institutes of DST & their Recent Achievements
1:00 pm - 2:30 pm	Lunch Break and Photo Session			
2:30 pm - 2:55 pm	Talk 6	Pradip Kumar Mohanty	Syamal Dana	Tipping in ecological systems
3:00 pm -3:25 pm	Talk 7		Dibakar Ghosh	The topological characterization of chaotic attractors
3:30 pm -3:55 pm	Talk 8		Pinaki Pal	One dimensional description of the subcritical and supercritical rotating convection
4:00 pm - 4:25 pm	Talk 9		Arnab Acharya	Border Collisions Between Chaos and Clarity: A Journey from Circuits to the Quantum
4:30 pm - 4:55 pm	High Tea			
5:00 pm - 7:00 pm	Felicitation	Rumi De	Felicitation event honouring Prof. Soumitro Banerjee (Hybrid Session)	
7:00 pm- 9:00 pm	Clossing session and Dinner			