

## **KHAO THONG SEMINAR SERIES 7 (FEB-AUG 2025)**

<b>Sl. No</b>	<b>Date &amp; Time</b>	<b>Title</b>	<b>Speaker &amp; Afiliation</b>
1	25th Feb 2025, ICT 14:30 hrs	<i>Basics of Random Matrices</i>	<b>Thiti Sirithanakorn</b> , NAS-MUNA
2	27th Feb 2025, ICT 14:30 hrs	Physics of Quantum Toroidal Algebra	<b>Panupong Cheewaphutthisakun</b> , Chulalongkorn University
3	11th Mar 2025, ICT 14:30 hrs	<i>Quantum Gravity: Ideas, Notions, Not Philosophy</i>	<b>Manabendra Sharma</b> , NAS-MUNA
4	21st Mar 2025, ICT 14:30 hrs (Special Seminar Day)	<i>Dynamics of a bacterial cell: Some surprising quantitative patterns in growth and division</i>	<b>Sanjay Jain</b> , University of Delhi, India
5		<i>Random Matrix Theory and its application to Protein Folding</i>	<b>Nivedita Deo</b> , University of Delhi, India
6	27th May 2025, ICT 14:30 hrs	<i>Finding Initial Condition of Cosmological Variables</i>	<b>Nandan Roy</b> , NAS-MUNA
7	8th Jul 2025, ICT 14:00 hrs	<i>Aspects of mass generation and anomalies</i>	<b>Kumar Abhinav</b> , NAS-MUNA
8	22nd Jul 2025, ICT 14:00 hrs	<i>Exploring infrared symmetries of radiation</i>	<b>Arpita Mitra</b> , POSTECH, South Korea
9	29th Jul 20225, ICT 14:00 hrs	<i>Quantifying Complex Systems: An Overview of the First Step to Decode a Complex System</i>	<b>Vishal Choudhary</b> , NAS-MUNA
10	19th Aug 20225, ICT 14:00 hrs	<i>Beyond the Bulk: A RMT-based Approach to High-Dimensional Data Reduction</i>	<b>Pradeep Bhadola</b> , NAS-MUNA
11	26th Aug 20225, ICT 14:00 hrs	<i>EFT of interacting dark energy and dark matter: Formulation</i>	<b><u>Masroor C. Pookkillath</u></b> , NAS-MUNA