

Physics In-House Symposium 2021

17th April 2021, Saturday

(Online Meeting)

	Time	Speaker	Title
Session 1 Chairperson Diljith T.			
1.	9:30 AM	Dr. Jayakumar Balakrishnan	Transport studies in 2D materials
2.	9:50 AM	Dr. Projjwal Banerjee	Origin of Elements in the Universe
3.	10:10 AM	Revathy B. S	Quantum Thermal Machines: An Overview
4.	10:30 AM	Dr. Prithvi Narayan	Exactly solvable quantum chaotic systems
10:50 AM: Discussions and Q&A (10 Mins)			
Session 2 Chairperson Ranjuna M. K.			
5.	11:00 AM	Dr. Soham Manni	A highly tunable rare earth ferromagnet
6.	11:20 AM	Dr. Bibhu Ranjan Sarangi	Mechano-responsiveness of cells on high stiffness gradient surfaces.
7.	11:40 AM	Dr. Amit Kumar Pal	Small Quantum Refrigerators
8.	12:00 Noon	Dr. Kusum Dhochak	Interplay of U(1) quantum spin liquid and magnetic phases in rare-earth pyrochlore magnets
12:20 PM: Discussions and Q&A (10 Mins)			
Session 3 Chairperson Dr. Nisha Gupta			
9.	12:30 PM	Dr. Moumita Nandi	Kondo effect in a transition metal dichalcogenide compound
10.	12:50 PM	Dr. Vishwas V.	Active control of rheological properties of dense amorphous solids
Conclusion and Discussion (primarily with students)			