



# Indian Institute of Science Education and Research Mohali

## Colloquium

### A Strange New Universe: Where Bizarre Quantum Particles Rule



#### Professor Jainendra K Jain

Prof. Jainendra K. Jain is a renowned condensed matter physicist, currently serving as the Erwin W. Mueller Professor of Physics, Eberly Chair, and Evan Pugh University Professor at Penn State University. Born in Rajasthan in 1960, He completed his education at Maharaja College, Jaipur, MS at IIT Kanpur, and earned his PhD from Stony Brook University in 1985. He held postdoctoral positions at the University of Maryland and Yale University and later taught at SUNY Stony Brook before joining Penn State in 1998. Prof. Jain is best known for his groundbreaking theory of composite fermions, which provided a key understanding of the fractional quantum Hall effect. His accolades include the Distinguished Alumnus Award from IIT Kanpur (2010), membership in the US National Academy of Sciences, Fellowship of the American Academy of Arts and Sciences, Fellowship of the Indian National Science Academy, and the prestigious Oliver E. Buckley Prize from the American Physical Society. For his groundbreaking work, he was recently awarded the prestigious 2025 Wolf Prize in Physics.



**1st July, 2025**  
**4:00 PM**



**LH-7, LHC Complex**