Tittle: Many body localization and skin effect in Non hermitian Floquet systems

Abstract of poster: We have investigated many-body localization (MBL) and the many-body skin effect in non-Hermitian Floquet systems, an emerging and largely unexplored area of research. Our study reveals unique quantum phase transitions induced by frequency variations, a phenomenon that is fundamentally distinct and exclusive to non-Hermitian systems. These findings provide new insights into nonequilibrium quantum dynamics, highlighting the interplay between disorder, non-Hermiticity, and periodic driving.