

Seminar

In pursuit of Quantum Imaging

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We will present a brief overview of the Quantum Imaging protocols that have been implemented experimentally. Much of the experimentation has been shown to arise from correlations that are not necessarily quantum. We will dwell on the issues related to a "truly" quantum implementation. We will discuss some of our recent "experimentation friendly protocols" that address these limitations. As examples, we provide two protocols: one relates to a set of projective measurements and the other to obtaining geometric phase maps; as constituents of a viable quantum toolkit. We believe this line of investigation would provide that elusive quantum advantage one is looking for!

Tuesday, Feb 3rd 2026

16:00 Hrs (Tea / Coffee 15:45 Hrs)

Auditorium, TIFRH