

# **Seminar**

## **Dynamical control in quantum technologies**

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Control of quantum systems can be essential in developing quantum technologies. I will show how application of dynamical control in quantum thermometry can significantly enhance the precision of temperature estimation, even arbitrarily close to absolute zero. I will further talk about application of dynamical control to model diverse quantum thermal machines, and to optimize their performance.

***Friday, Dec 15<sup>th</sup> 2017***

***04:00 PM (Tea/Coffee at 03:30 PM)***

***Auditorium, TIFR-H***