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10

COLLOQUIUM
DEPARTMENT OF
PHYSICS, IIT GUWAHATI



**Black hole thermodynamics -
a semi-Classical journey**

5:15 pm-6:15 pm
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Abstract

The works of J.D. Bekenstein and S. Hawking led to thermodynamic features of a black hole. In this talk the precise argument for why do a black hole behaves as a thermal system, will be addressed. Moreover, a possible road to understand the microscopic description of entropy and temperature of the horizon will also be paved. Finally, I shall mention the important open questions and related challenges.

Online Platform : Microsoft Teams
Youtube Link: <https://youtu.be/>
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