



Canadian Association
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Type: **Invited Speaker / Conférencier invité**

Entropy in Quantum Gravity

Tuesday 30 May 2017 08:00 (30 minutes)

Black hole thermodynamics has motivated a search for deeper connection of entropy and gravity. We investigate this using a formulation of quantum field theory using non-unitary operators which give rise to entropy production. We try to obtain the physical consequences of this for quantum cosmology.

Presenter: DASGUPTA, Arundhati (University of Lethbridge)

Session Classification: T1-4 Gravity and Cosmology (DTP) | Gravité et cosmologie (DPT)

Track Classification: Theoretical Physics / Physique théorique (DTP-DPT)