ID de Contribution: **15** Type: **Non spécifié**

A dS from higher dimensions

jeudi 30 novembre 2023 15:15 (30 minutes)

Constructing realistic vacua in UV-complete theories of gravity remains a challenging open problem.
In the context of gravity compactifications, quantum effects provide mechanisms to stabilize internal spaces with zero or negative curvature, thereby enlarging the set of geometries that can be employed to construct realistic physical models.
Specifically, I will describe how the inclusion of Casimir energy in the internal space evades general constraints and leads to scale-separated AdS and de Sitter vacua in M-theory.

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Classification de Session: :