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(I) Quantum black holes: fundamentals and phenomenological aspects

Monday 19 June 2023 14:00 (30 minutes)

Quantum black holes are one of the main playgrounds of any theory of quantum gravity. Describing such objects is a principal goal of these theories. I will review the fundamentals of analyzing black holes in non-perturbative canonical quantum gravity and briefly present some of the models arising from this approach. I will also present a short overview of some of the phenomenological aspects of these black holes in the effective regime that are predicted by such models.

Keyword-1

Quantum Gravity

Keyword-2

Black Holes

Keyword-3

Author: RASTGOO, Saeed (University of Alberta)

Presenter: RASTGOO, Saeed (University of Alberta)

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