

Gravitational Geometry and Dynamics Group Seminar

Thu., May 15, 2025, at 11h00.

Room: 11.2.21 and Zoom ID: 955 4130 8539

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Towards a non-singular paradigm for black hole physics

The study of regular black holes and black hole mimickers as alternatives to standard black holes has recently gained significant attention, driven both by the need to extend general relativity to describe black hole interiors, and by recent advances in observational technologies. Despite considerable progress in this field, significant challenges remain in identifying and characterizing physically well-motivated classes of regular black holes and black hole mimickers. In this talk, I provide an overview of these challenges and outline some of the promising research directions.