



Contribution ID: 15

Type: talk

## A gravitational collapse singularity theorem which does not require chronology

*Wednesday, October 9, 2019 10:50 AM (35 minutes)*

I present a new gravitational collapse singularity theorem which improves Penrose's and which does not assume predictability (global hyperbolicity) while it is compatible with chronology violation (closed timelike curves) and black hole evaporation.

**Primary author:** Prof. MINGUZZI, Ettore

**Presenter:** Prof. MINGUZZI, Ettore

**Session Classification:** The Mathematical side of Causality