

## Dark Tools



Contribution ID: 41

Type: **not specified**

# FRiedmann Solver for Black Hole Evaporation in the Early-universe (FRISBHEE)

*Monday 16 June 2025 14:00 (30 minutes)*

In this talk I will present the FRiedmann Solver for Black Hole Evaporation in the Early-universe (FRISBHEE). This tool is used to calculate the phenomenological effects of having a distribution of light primordial black holes in an expanding Universe. The tool can calculate observables assuming just the Standard Model particle content or extensions. Evaporating black holes are expected to produce all particles regardless of charges and couplings and can readily produce the correct relic abundance.

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**Session Classification:** Tools talks