

Beyond the Standard Model with BlackHawk v2.0

Wednesday 24 November 2021 10:00 (20 minutes)

We will present the new version of BlackHawk v2.0. BlackHawk is a public code designed to compute the Hawking radiation spectra of (primordial) black holes. In the version 2.0, we have added several non-standard black hole metrics: charged, higher dimensional and polymerized black holes, on top of the usual rotating (Kerr) black holes. BlackHawk also embeds some additional scripts and numerical tables that can prove useful in e.g. dark matter studies. We will describe these new features and provide some examples of the capabilities of the code, with an overview of the work already published.

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Session Classification: Cosmology

Track Classification: Cosmology