

## Astro-COLIBRI

*Friday, 14 October 2022 12:30 (15 minutes)*

Astro-COLIBRI is a novel platform that evaluates alerts of transient observations in real time, filters them by user-specified criteria, and puts them into their multiwavelength and multimessenger context. Through fast generation of an overview of persistent sources, as well as transient events in the relevant phase space, Astro-COLIBRI contributes to an enhanced discovery potential of both serendipitous and follow-up observations of the transient sky.

In this contribution, we'll present the key features of Astro-COLIBRI. We'll outline the architecture, summarize the used data resources and provide examples for applications and use cases. Focussing on the high-energy domain, we'll for example showcase the search for high-energy gamma-ray counterparts to high-energy neutrinos and highlight the connections with Fermi-LAT platforms like FAVA and the LCR.

### Track

Analysis Techniques

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