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Studying the physical properties of the engines of neutrino-emitter blazars.

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High-energy neutrinos detected by the IceCube Observatory provide an exclusive opportunity to study the origin of cosmic rays and the nature of the sources producing them. Blazars are among the proposed birthplaces for the astrophysical high-energy neutrinos. We focus on a small set of blazars that are likely counterparts to IceCube neutrinos.

In this contribution, we aim to inspect this sub-population of neutrino-emitter blazars to study the observational and physical properties that govern the physics of these objects and likely make them capable of accelerating cosmic rays. We will discuss our analysis approach and the general context of the properties displayed by the overall blazar population.

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