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On the high-energy IceCube neutrinos

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The discovery of the high-energy neutrino flux by the IceCube detector has motivated a large number of studies in the literature to unravel their origin, from different scenarios within standard cosmic-ray sources to more exotic possibilities. In this talk, I will describe the evolution of the HESE data of IceCube and their main features and I will present the results of statistical analyses of different scenarios.

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