

THE BENEFITS OF EXTENDING THE FRIPON-CHILE NETWORK TO SURROUNDING COUNTRIES

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FRIPON (<https://www.fripon.org>) is an acronym for *Fireball Recovery and Inter-Planetary Observation Network*. It is an efficient ground-based network of more than a hundred all-sky cameras mainly installed in France and dedicated to the observation of fireballs to characterize the extra-terrestrial matter falling on Earth, and determining the impact area for facilitating the recovery of freshly fallen meteorites. This network started in France in 2016 and has been ex-

tended first to Europe and Canada and more recently to Chile (<https://www.fcla.cl/fripon-chile>) for filling in the gap in the detection of these events in the southern skies and thereby obtaining an exhaustive view of fireball activity. In this talk, we will first introduce the FRIPON network with a special focus on its recent extension in Chile as well as a short report of the first detections we obtained from the southern hemisphere. Then we will emphasize the necessity of extending the network to the surrounding countries of Chile for increasing the probability of meteorite recovery after meteor detection by the network.

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