

The VASCO project: the 2021 update

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The “Vanishing & Appearing Sources during a Century of Observations”(VASCO) project uses existing survey data to search for exceptional/unknown astrophysical transients (see Villarroel et al. 2020) that might occur during a 70 years of time baseline, in particular vanishing objects. The broad set of astrophysical goals range from searching for natural astrophysical objects e.g. Active Galactic Nuclei with a long-term variability, to searches for signatures of extra-terrestrial intelligence. I introduce the VASCO project to the community. I show the methodology, the new automatised VASCO target selection ran by the Spanish Virtual Observatory and the latest results herein. I update on the citizen science project that is led by institutes and amateur astronomy associations in Algeria, Nigeria and Cameroon and the findings. Finally, I demonstrate some very curious results arising from the VASCO project.

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