

To whom it may concern,

December 9, 2024

Dear Sir/Madam,

I am the co-convener of Key Project 5 (KP5) for the Dark Energy Spectroscopic Instrument (DESI) collaboration. DESI is currently observing roughly 50 million sources for studies of spectroscopic clustering over a five-year period. Key Projects are special in that they are protected from competition within the Collaboration and represent the consensus collaboration results. The KP5 focus on studying redshift space distortions, Alcock-Paczyński effect, neutrino mass, and non-Gaussianity in the first cosmology sample from DESI (Data Release 1, DR1).

I certify that Hernan E. Noriega has been actively working for DESI within the KP5 for the last 4 years. Mr. Noriega has been a key member to developing the code FOLPSnu, which is now part of the official pipeline called DESI-LIKE which has been used to analyze the DR1 DESI data and that it's described in Noriega et al. 2024. This pipeline has been key to producing the official cosmological analysis of the DESI collaboration, which include the two main alphabetical papers recently submitted to the ArXiv, DESI Collaboration et al 2024a, 2411.12021 and DESI Collaboration et al 2024b, 2411.12022. In addition to scientific value of these papers, DESI-LIKE will be released as part of the official DESI products upon the acceptance of these works.

Best regards,

Dr. Héctor Gil-Marín,
Ramón y Cajal Fellow, ICCUB, Barcelona,