

To whom it may concern:

As professor and researcher of the Univ. of Santiago de Compostela, hereby

I CERTIFY

that Yanis Fontenla did collaborate very deeply with me in the supervision of the degree's final dissertation of the student Aida Álvarez Díez, with the title "Estudio de la distribución lateral de rayos cósmicos secundarios en función de la energía del primario" (Analysis of the lateral distribution of secondary cosmic rays as a function of the primary cosmic ray energy), defended on Sep. 17 of 2019, that got the maximum grade. Yanis generated all the simulated data that were used by Aida in her work, checked the analysis programs used by Aida, and helped me with the physical interpretation of the results and reviewing both the document's manuscript and the slides used in the Aida's dissertation defence.

Santiago de Compostela, May 5th. of 2021



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