

# ***Interactive comment on “School students from all backgrounds can do physics research: On the accessibility and equity of the PRiSE approach to independent research projects” by Martin O. Archer***

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I agree with Paul’s comment that some citizen science projects are not sufficiently audience-focused to give them a meaningful experience of interacting with the research. The PRiSE approach, however, is very different to this, with the participants gaining an authentic research experience being of primary importance. This is discussed in light of current citizen science practices in further detail both in the companion to this paper (Archer et al., 2020) as well as an earlier paper for one of the PRiSE projects MUSICS (Archer et al., 2018).

Archer, M. O., Hartinger, M. D., Redmon, R., Angelopoulos, V., Walsh, B. M., & Eltham Hill School Year 12 Physics students: First results from sonification and exploratory citizen science of magnetospheric ULF waves: Long-lasting decreasing-frequency poloidal field line resonances following geomagnetic storms. *Space Weather*, 16, 1753– 1769. <https://doi.org/10.1029/2018SW001988>, 2018.

Archer, M. O., DeWitt, J., and Thorley, C.: Transforming school students' aspirations into destinations through extended interaction with cutting-edge research: *Physics Research in School Environments*, *Geosci. Commun. Discuss.*, <https://doi.org/10.5194/gc-2020-35>, in review, 2020.

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Interactive comment on *Geosci. Commun. Discuss.*, <https://doi.org/10.5194/gc-2020-37>, 2020.

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