

## Embed Awards

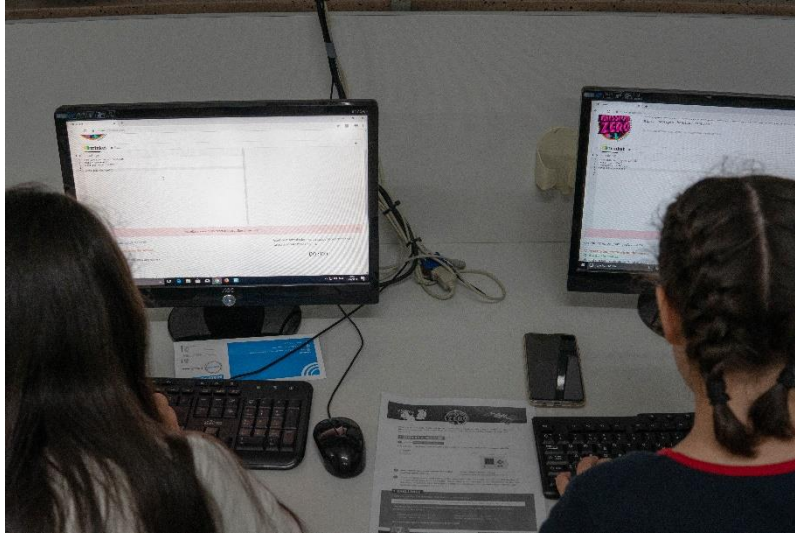
### School Leaders First Prize

#### AstroPi Coding for World Space Week Malta Event (WSWME)

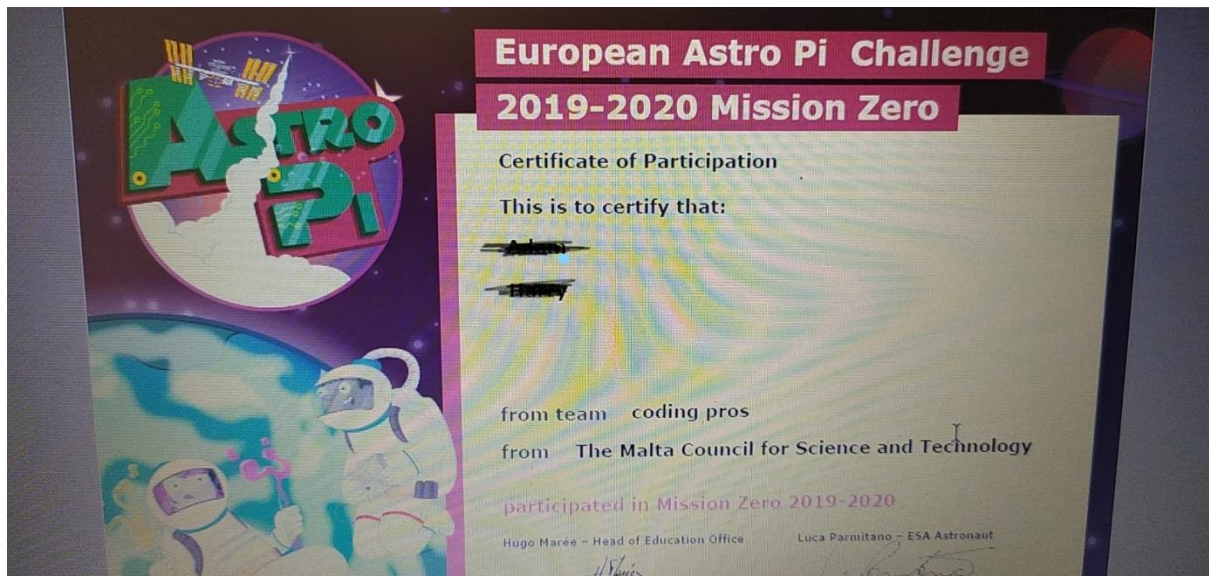
In the WSWME 2019, following a circular issued for the event, four schools showed interest to collaborate. The schools, two church schools (St Francis Secondary and Stella Maris College) and two independent schools (San Anton and St Martin's College) held several preparatory meetings between June and September 2019 to enable better participation from Science teachers, parents and students attending the evening physical event in October. Involvement of the Malta Council for Science and Technology (MCST) enabled the groundwork needed to code the AstroPis on the International Space Station (ISS) by the European Space Agency ahead of the event.

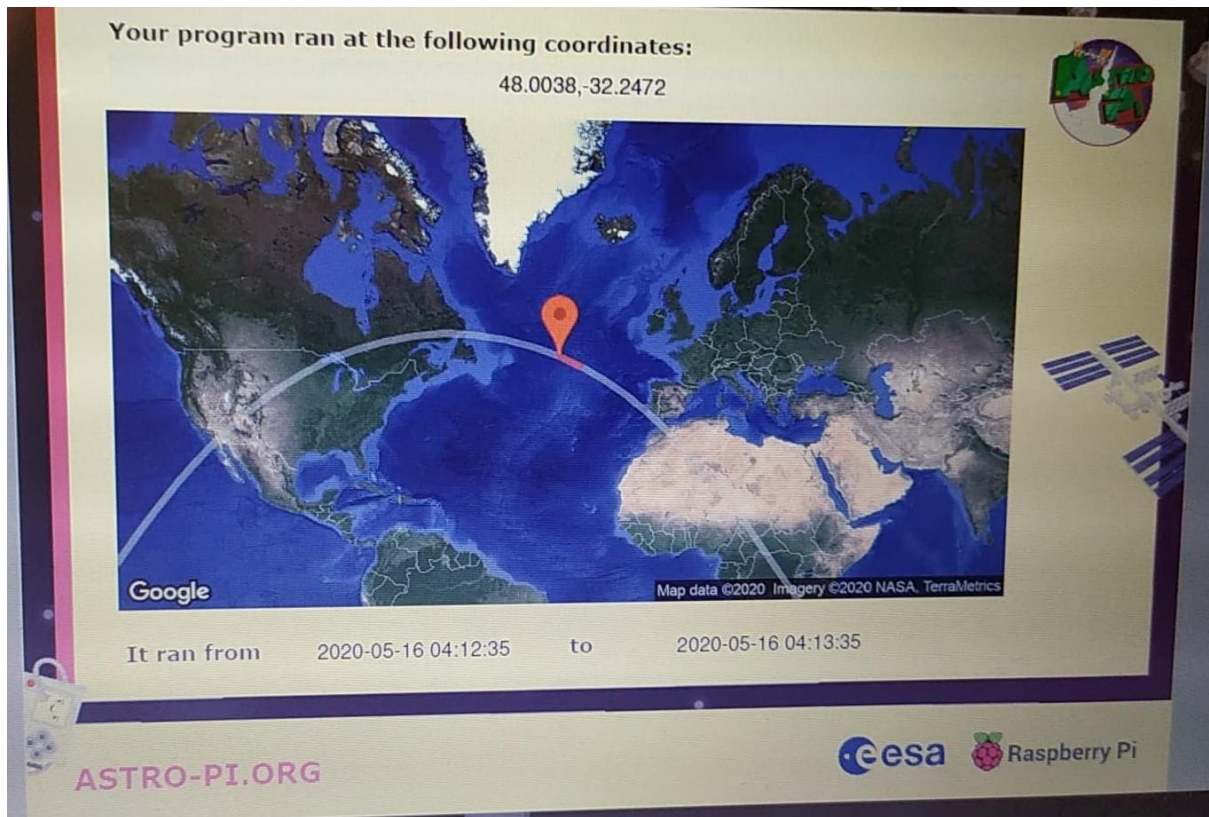
On the event night held at Stella Maris College in October 2019, the coding workshop saw students (together with their parents and Science teachers at school) learning more on the work by MCST in the space education programme locally and ESA on a European level. All participants, students and adults alike, were given the opportunity to code the AstroPi to do a particular task according to their original idea in their own group.





All the codes were then sent to ESA to approve, sent to ISS and run later on in 2020. The running of the twenty-four successful codes happened in April and May 2020 during schools' lockdown. All teams received a certificate (see exemplar below) to showcase the success of their code and outlined the date, time, duration of the coded program and ISS location in orbit.





This was truly an enriching experience for all who attended showcasing the power of modern technology and the opportunities gained in this innovative initiative in space education locally.

Stephanie Maggi-Pulis

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