

BACK TO THE MOON TO STAY

Marcos Rincon Voelzke*, Amauri José da Luz Pereira
Cruzeiro do Sul University



In Brazil, the largest country in South America, there is a team of high school students, active members of a Space Science team, who are programming Arduino devices that will collect data from the lunar surface during the Artemis missions, which predict the return of astronauts to the Moon from 2024. In Fig.01 some students present the prototype of the board

This unique opportunity was due to the connection of this Brazilian team to the Great Lunar Expedition for Everyone Project – (GLEE), which brought together students from all over the world with the aim of catalyzing a new generation of missions and space explorers. The collection and sending of data from the Moon is shown in Fig.02.

The impact has been national in scope, with interviews on radio and television stations given by all members of this project, and student speeches show their enthusiasm and willingness to pursue careers in the areas of Astronomy, Astrophysics and Space Sciences to integrate future lunar missions! In Fig.03 students, teachers and reporters from a local television station.

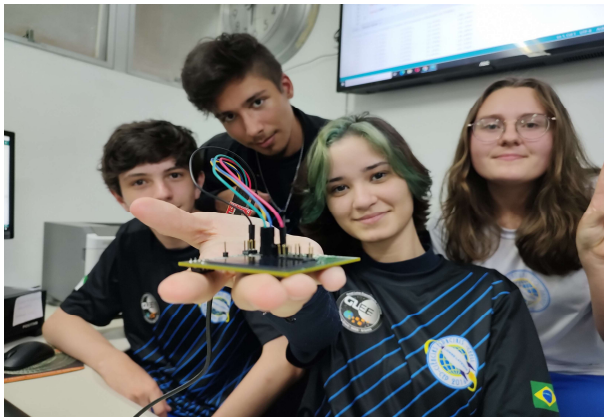


Fig.01 – Students holding the prototype of a “LunaSat”

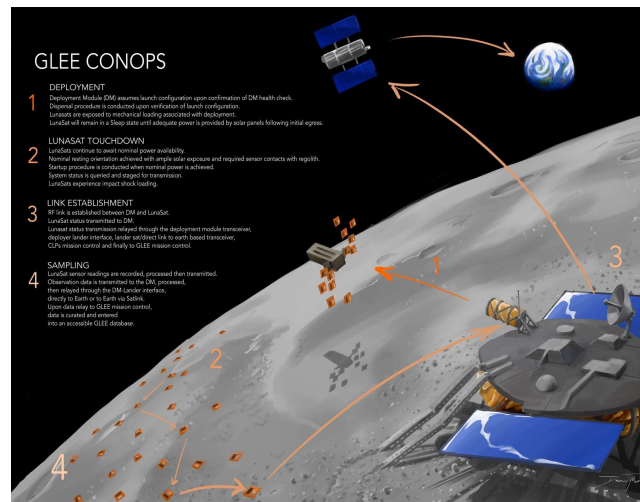


Fig. 02– GLEE Mission Outline



Fig. 03 – Interviews and inspirations