

# 18th International School on the Effects of Radiation on Embedded Systems for Space Applications (SERESSA)

**SERESSA 2022**

Organizers:



Contribution ID: 9

Type: **not specified**

## **Introduction to OMERE: a tool for space environment and radiation effects on electronics devices I**

*Thursday 8 December 2022 09:00 (50 minutes)*

This talk introduces the OMERE freeware and its capabilities. OMERE is a tool developed by TRAD with the support of the CNES according to the need of major actors of the European space industry. It is dedicated to accurately model the space environment for earth and interplanetary missions with industry approved and up to date environment models as well as estimate its effect on electronic devices. During this talk the main capabilities of the OMERE software will be showcased and we will go through the different steps necessary to perform calculations.

**Presenter:** COÏC, Léo (TRAD)