

## **Announcement of a position at the Space Exploration Institute, Switzerland: “CLUPI science operations engineer”**

The Space Exploration Institute in Neuchâtel, Switzerland invites applications for the position of a Science Operations Engineer for the instrument CLUPI on the ExoMars 2028 mission.

### **Project Description**

The close-up imager “CLUPI” is one of the instruments that is onboard the “Rosalind Franklin” rover, a robot that will search for signs of life in the framework of the ESA “ExoMars 2028” space mission. The mission is scheduled to be launched in September 2028 for an arrival on Mars in the second half of 2030. CLUPI will acquire high-resolution images essential to investigate the geology of Mars, selecting samples with a high potential to contain biomarkers.

### **Work Description**

We are looking for a young enthusiastic person, who is willing to perform the following tasks:

- Become an expert on CLUPI operations, in particular understand the telecommands and the telemetry of the instrument.
- Support the preparation of all mission and science operations activities with the Flight Model: Interface with the Rover Operations Control Centre in all operations-related aspects; provide input to documents and prepare relevant documentation; support tests and validation campaigns.
- Support test activities on the CLUPI Engineering Model (flight representative) which will be available to the CLUPI science team at the Institute.
- Support test activities on the Flight-Representative Test Model which is mounted on the Rover Ground Test Model.
- Work on the calibration pipeline for the instrument and ensure that the final data products can be archived in ESA’s Planetary Science Archive.
- Support the technical manager in his tasks to coordinate the work of industry.

**Position:** Start 01 May 2025 (latest 1<sup>st</sup> Sept. 2025). 100% employment. Duration : nominally until instrument commissioning on the surface of Mars, planned end Dec. 2030

The candidate will have the opportunity to participate in the primary mission and contribute to the operations of the instrument on Mars. As a member of the CLUPI team (headed by Dr. Jean-Luc Josset, PI of the CLUPI instrument), the candidate will have interactions with the ExoMars mission, and will work with the international CLUPI science team.

### **Application/Contact**

Applicants should submit a motivation letter and a current CV (including a list of publications, if applicable).

Applications should be sent **before 30 March 2025, 14:00 CET** to [jean-luc.josset@space-x.ch](mailto:jean-luc.josset@space-x.ch), cc: [Detlef.koschny@space-x.ch](mailto:Detlef.koschny@space-x.ch). Questions about the position can be addressed at the same email address.