[PHYS-05/B]: Project titled "Solar Orbiter - Phase E Scientific Support", CUP F83C26001790005, Grant Agreement no. 2026-26-HH.0, within the framework of the ASI/INAF framework agreement

- **Principal Investigator:** Prof. Marco Romoli
- **Contract Duration:** 2 years
- **Workplace / Host Department:** Department of Physics and Astronomy, University of Florence, Italy

Title: **Analysis and management of data from the Metis coronagraph on board the Solar Orbiter probe**

Description: The research activity involves the management and analysis of data acquired by the Metis space coronagraph aboard the ESA/NASA Solar Orbiter mission. Specifically, data management procedures include data validation, calibration, and archiving. Data analysis is aimed at producing scientific publications on the physics of the solar corona, based on direct coronagraphic observations or joint observational campaigns conducted with other space-borne and ground-based instrumentation.
The research requires experience in:
- space mission operations management;
- astronomical image analysis using traditional and innovative techniques;
- techniques for studying the solar corona

Open to:

- Candidates holding a PhD (Doctor of Philosophy) degree, or an equivalent qualification obtained abroad, deemed equivalent for the sole purpose of awarding the research contract by the selection committee.
- Candidates enrolled in the third year of a PhD program, provided that the attainment of the PhD degree is expected within six months following the date of publication of the selection call (within the end of April 2027).

Annual gross salary: €40,197.03

Applications for admission to the selection process must be submitted **ONLY** via the **online application portal** available at https://sol.unifi.it/pao/ by following the instructions provided therein.

The online submission of the application must be completed strictly by **1:00:00 PM (Italian time, as recorded by the University of Florence server) on November 18, 2026**, under penalty of exclusion.

Participation in the selection process requires the payment of a **€20.00 non-refundable administrative fee** to cover secretarial expenses.

The selection is by CV and interview.

Applicants must submit:

a) A research proposal relating to the research program specified for each open position in Annex 1. The proposal must be uploaded to the platform in PDF format;

b) A curriculum vitae covering scientific and professional activities, in PDF format;

c) A list of publications relevant to the research program, in PDF format;

d) Scientific publications, up to the maximum number specified in Annex 1 for the relevant field, in PDF format;

e) For holders of a foreign PhD degree:

1. The official decree of academic recognition of the foreign qualification issued pursuant to current legislation, or a copy of the foreign PhD degree certificate;

2. The Italian second-cycle degree (Master's degree) that granted access to the foreign PhD program; in the case of a foreign degree, a copy of the first- and second-cycle diplomas along with the transcript of records of exams taken;

3. Documentation/certification issued by the foreign institution stating the core components, duration, and activities of the PhD program completed to obtain the degree. Alternatively, for EU countries, the Diploma Supplement issued by the foreign institution (provided it contains the same information). Alternatively, the applicant may provide a self-declaration;

4. An abstract of the PhD dissertation (in Italian or English).

The interview will take place exclusively on one of the following days: **Wednesday 13, Thursday 14, or Friday 15 January 2027**. This notice serves as official notification for all legal intents and purposes to all candidates.