

Annex 1 to the Call Notice referred to in DR

DEPARTMENT OF PHYSICS AND GEOLOGY

Public selection procedure for the stipulation of a private law contract for the establishment of a subordinated employment relationship as a fixed-term university researcher, pursuant to Article 24 - paragraph 3 - letter a) of Law No. 240 of 30.12.2010 - COD. RTDA-2023-02:

Academic Recruitment Field	02/A1 - Experimental Physics of Fundamental Interactions.
Profile: Academic Discipline	FIS/01 - Experimental Physics
Contract duration	3 years, possibly extendable for two more, - full-time
Place of employment	University of Perugia - Department of Physics and Geology
Referent teacher	Prof. Helios Vocca
Foreign language required	English
Maximum number of publications	12
Projects	PNRR ETIC - CUP I53C21000420006 LoVeC-ET PRIN2020 - CUP J53C22000920001

The contract is aimed at carrying out the following research, teaching, supplementary teaching and student service activities:

- **Research activity:** will have as its object *"Science potential of Einstein Telescope in multimessenger astronomy and fundamental physics: role of the low frequency sensitivity"*.

- **Summary Description:** Einstein Telescope aims to improve the sensitivity of current detectors by a factor of 10 over a wide frequency spectrum and by several orders of magnitude at low frequencies. This aim is achieved by means of various design and technological solutions in which the ETIC project and the CAOS facility play a key role. The researcher will have to study and define the scientific targets made possible by the improved sensitivity and contribute to the development of the aforementioned facility.

- **Teaching, supplementary teaching and student service activities:** 350 hours per year (full-time) mainly within the Academic Discipline FIS/01, of which not more than 80 hours are for formal teaching activities.



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Requirements for Call participation:

1. PhD in Physics or equivalent.
2. Experience in the field of research and/or teaching, proving the possession of solid basic skills in Academic Discipline FIS/01.

Discussion schedule and related notices.

On 15.6.2023, an Executive Notice will be published on the University website (www.unipg.it) under “Ateneo” - “Concorsi” – “Personale docente” - “Procedure di valutazione comparativa Ricercatori a tempo determinato”, **announcing:**

- **the date on which the Executive Notice will be published by which the list of candidates admitted to the discussion and the schedule and the modalities with which the discussion will take place;**
- **the possible postponement of publication of the aforementioned Notice, or any other communication relating to this selection procedure.**