

ANNEX 1

Vacancies	N. 1
Project	PNRR Mission 4, "Education and Research" - Component 2, "From research to business" - Investment line 3.1, "Fund for the creation of an integrated system of research and innovation infrastructures", financed by the European Union – NextGenerationEU – Cherenkov Telescope Array Plus project - CTA+ code IR0000012
CUP (Consolidated Project Code)	C53C22000430006
Category	EP1 – Technical, technical-scientific and data processing area
Duration	18 months
Location of the research activity:	University of Palermo – Department of Physics and Chemistry – "Emilio Segrè"
Qualifications for access	Possession of a qualification in one of the following degree classes or equivalent VO degree: LM- 17, LM- 20, LM-29, LM-30, LM-31, LM-32
Required professional qualification	The candidate must possess a specific professional qualification in relation to the type of activity to be carried out with experience in the use of scientific instruments (e.g. spectrophotometers, etc.), in particular in the characterization of Silicon PhotoMultiplier - SiPM devices and team working, problem solving and innovation skills.
Technical and administrative support activities on the following work programme	Technical support for research activities within the following WP of the CTA+ Project: <ul style="list-style-type: none"> • WP 1500T R&D for future developments of CTA, in particular new technologies for the highest energy areas (E>100 TeV) and for applied activities derived by the Cherenkov telescope techniques. • Activities: To build a pathfinder of a wide field of view and high duty cycle observatory located in the southern hemisphere. Development of new SiPM that can promote the use of these devices as sensitive detector for new cameras for CTA telescopes. Support also in the management of the R&D activities
Language skills	English