

Postdoc or Software engineer position at Madrid

The High Energy Physics Group ([Grupo de Altas Energías - GAE](#)) at [Universidad Complutense de Madrid \(UCM\)](#) is seeking candidates to apply for a position funded by the [ESCAPE H2020](#) project. The conditions would be those of a junior software engineer or a junior postdoc.

The term of the position is limited to 12 months, starting in September 2021, and could be extended for a few more months with available group funds. The work's primary focus is making data and software from Cherenkov observatories, particularly the Cherenkov Telescope Array (CTA), available from the Science and Analysis Platform that ESCAPE is building towards the integration of its ESFRI partners into the European Open Science Cloud (EOSC). Programming experience and ample software skills are required. Proficiency in Python, Git, and containerization (Docker, Singularity) would be a plus.

Candidates are expected to have solid team-working abilities to be developed in an international collaborative environment. Experience in Astroparticle Physics is not required but would be positively considered a plus. Interested candidates are encouraged to contact us at info@gae.ucm.es for further details.

The GAE-UCM group has a long trajectory in the fields of experimental Astroparticle Physics and High-Energy Astrophysics, with scientific interests ranging from the study of active galactic nuclei, pulsars to dark matter searches and unidentified gamma-ray sources. The group is also involved in software and hardware R&D applied to those scientific interests.

The GAE-UCM group participates in the ground-based gamma-ray facilities [CTA](#) and [MAGIC](#) and collaborates in the space-based Fermi - Large Area Telescope. The successful candidate will join the CTA collaboration and develop most of her/his work in connection with CTA and ESCAPE partners. The group is part of the [IPARCOS institute](#), which unites the efforts of physicists from Particle, Nuclear Physics, and Astrophysics both theorists and experimentalists.

Please send the applications, including a Statement of Interest, CV, and contact information of at least two referees, to the above e-mail address.

[Grupo de Altas Energías](#)
[Universidad Complutense de Madrid - Facultad de Ciencias Físicas](#)
[Plaza Ciencias 1, E-28040 Madrid, Spain](#)
info@gae.ucm.es