



04-03-2021

Job Offer: **Scientific Software Developer**

Where

Comparative Genomics and Metagenomics lab at [CBGP](#) (Madrid, Spain)

About the Institute

The Centre for Plant Genomics and Biotechnology (CBGP) is a joint (UPM-INIA) research institute of excellence located at the Montegancedo International Campus in Madrid (Spain). Research activities at the CBGP are focused on plant biology and associated microorganisms. CBGP has relevant educational and training roles for Bachelor, Master and PhD students, and technicians, and has contributed to boost the scientific career and leadership of young scientists.

Work Description

The selected candidate will work in the context of the project "ETE Toolkit: Phylogenomic Data Analysis and Visualization", funded by the CZI. ETE is a Python software that provides a comprehensive API to handle phylogenetic results and to integrate them into the scientific Python ecosystem (e.g. Jupyter notebooks). This includes a fully-featured system for programmatic visualization of hierarchical trees that complements other Python libraries such as matplotlib, plotly or seaborn.

Planned tasks include i) boosting the release of a new version of the ETE library including all novel features and bug fixes accumulated over the past years, ii) improving the visualization of large trees, iii) updating library documentation, tutorial, and cookbooks and iii) improving user support, unitests, and continuous development system.

Requirements:

- Degree in Life or Computational Sciences
- Experience in scientific software development
- Experience with visualization libraries

Deadline for applications: 14/03/2021

Estimated starting date: 01/04/2021

Duration: 3 months (with possibility of extensions)

Salary will be according to experience and UPM standards

Application process: Send CV and contact details of two referees to huerta.jaime@inia.es