

Call of Opportunity to work at the Franco-Chilean Laboratory for Astronomy, in Chile

This Call of Opportunity includes the possibility to work at the **Franco-Chilean Laboratory for Astronomy** (FCLA)¹ in Chile. Two long-term positions are open for a minimum stay of 1 year and up to 3 years.

→ Applications for shorter stays (typically 1-3 months and < 1 year) should be done through our visiting programme. Please visit https://www.fcla.cl/working-at-fcla-and-visiting

The Franco Chilean Laboratory for Astronomy, located in Chile, is an International Research Laboratory (IRL 3386) between the French National Center for Scientific Research (CNRS) and three major Chilean universities (Universidad de Chile, Pontificia Universidad Católica de Chile, and Universidad de Concepción) with the goal to promote and forge fruitful long-term collaborations between France and Chile in the field of Astronomy.

First founded in 2012, the agreement was recently renewed in the context of the 80 years anniversary of CNRS in 2019 in Santiago with the rich perspective of the growing and prolific Chilean astronomical community, and the development of ambitious and major astronomical facilities in Chile (LSST, CTA, GMT, E-ELT) in the upcoming decade. More than ever, Chile has become a major international centre for ground-based astronomy. Given the strong scientific and human connection between France and Chile for several decades, the Lab plays a central role to nurture this collaborative endeavour between both countries.

Fields of Research:

The research that has been and is being carried out at the FCLA concerns a wide range of topics in astronomy and astrophysics, ranging from the study of meteors to the high redshift Universe. FCLA researchers mostly work in observational astronomy, in collaboration with local astronomers, and use a versatile set of optical/near-infrared and radio-millimetric instrumentations of ground-based observatories in Chile (ESO, ALMA, Gemini, Magellan), dedicated numerical codes and computing resources, to achieve breakthrough results.

FCLA members and support: In addition to the professors and students of the three Chilean universities, the Lab counts on the presence of four permanent French FCLA Researchers (**provided through this call**), and on the existence of a visiting program to promote and support French and Chilean students and researchers for shorter term stays and internships. Up to a maximum of 4 French permanent FCLA

¹ http://www.fcla.cl



researchers can be based in Chile at any given time. They must be based at the Department of Astronomy of the Universidad de Chile, the Universidad de Concepcion or at the Institute of Astrophysics of the Pontificia Universidad Católica de Chile. Research funds are available for each French FCLA Researcher, in addition to advantageous conditions and benefits. Note that the researchers will keep their European affiliation to apply to observing time.

Conditions for joining the FCLA: Applicants must hold a permanent position in France, either CNRS, Observatories, or Universities. The successful applicants **must be transferred to the FCLA** by their respective employers. Candidates must inquire to their home institution about the feasibility and applicable conditions for the transfer before applying to the positions.

Applications: The main mission of the FCLA is to foster long-lasting collaborations between Chile and France. French FCLA members are therefore requested to actively develop new collaborations and maintain existing ones. Visits and exchanges between Chile and France are also strongly encouraged. The application must be prepared together with a Chilean researcher of one of the three Chilean universities of FCLA. Application forms should include a joined research statement, a plan for on-going and foreseen research collaborations in Chile, and brief CVs. The application must be submitted on behalf of the candidate and of the hosting researcher. Applications to go to any of the three member Universities of the FCLA will be considered. Applications from all fields of investigations in astronomy are welcomed.

Information about Astronomy at the three Universities can be found here:

- for PUC: http://www.astro.puc.cl, Felipe Barrientos barrientos@astro.puc.cl
- for UChile: http://www.das.uchile.cl, Patrico Rojo pato@das.uchile.cl>
- for UdeC: http://www.astro.udec.cl, Neil Nagar <nagar@astro-udec.cl>
- For FCLA: http://www.fcla.cl, Pasquier Noterdaeme <pasquier.noterdaeme@cnrs.fr>

The initial deadline for application is set to April 15th 2022 and evaluation will start immediately after. Applications should be sent to CNRS/INSU (Attn Martin Giard, martin.giard@cnrs-dir.fr.) and will be received until the positions are filled.

For more information please contact **Felipe Barrientos**, Director of FCLA (barrientos@astro.puc.cl), **Pasquier Noterdaeme**, Deputy Director of FCLA (pasquier.noterdaeme@cnrs.fr) or **Martin Giard**, head of astronomy division at INSU/CNRS (martin.giard@cnrs-dir.fr). We strongly encourage initial contacts before applying.







