

Postdoc announcement

The Universidad Técnica Federico Santa María (UTFSM), Chile, invite applications for sponsoring postdoctoral research fellowships to the FONDECYT Postdoc 2024 program <https://www.anid.cl/concursos/concurso/?id=1734>

The candidate will work within the ATLAS UTFSM group. The FONDECYT fellowship is expected to begin on March, 2024, with eligibility limited to recent PhDs.

The ATLAS UTFSM group is composed of 4 main researchers* and is engaged in several areas of the ATLAS scientific program: Standard Model physics, Exotics physics searches, Triple Higgs coupling searches at the Run3 and at the HL-LHC and Heavy Ion Physics, and in several technical areas as reconstruction software development, trigger software and performance, application of Machine Learning techniques to data analysis tasks, hardware and detector R&D and in the operation of a WLCG Tier-2.

The successful candidate is expected to take a leading role in one of the physics analyses in which UTFSM is engaged within the HDBS, Exotics, Heavy Ions or Standard Model groups and to contribute to ATLAS software or hardware development in some of the areas mentioned above.

Applicants are required to have a PhD in Physics by the time of appointment and should have in-depth research experience in experimental particle physics, previous experience in one of the LHC experiments is desirable but not required.

Interested candidates are requested to submit their application, including a curriculum vitae, a brief description of research experience and interests, a list of publications and two letters of recommendation, to atlas.utfsm.jobs@cern.ch with a subject title of **UTFSM ATLAS Postdoc Search 2024** (stating the area in which you would like to work) by April 30, 2023.

Contact: atlas.utfsm.jobs@cern.ch

Email: atlas.utfsm.jobs@cern.ch

Letters of Reference should be sent to: atlas.utfsm.jobs@cern.ch

*Raquel Pezoa (Computing Science and Machine Learning)

*Nicolás Viaux (Physicist)

*Sebastián Tapia (Physicist)

*Edson Carquin (Physicist): <https://carquin.web.cern.ch/carquin/>