

FACULTY POSITION IN CONDENSED MATTER PHYSICS

The Faculty of Engineering and Sciences of Universidad Adolfo Ibáñez has great pleasure in inviting applicants for an open rank faculty position in condensed matter physics.

The Faculty of Engineering and Sciences (FES) of Universidad Adolfo Ibáñez (UAI)

UAI is a prestigious private university in Chile. Founded as a business school in 1953, in 1988, it started operating as a university. At present, it has 12,400 students in 8 different schools located on two campuses: one in Santiago, the capital city of Chile, and the other in the coastal city of Viña del Mar.

The FES is one of the leading schools of engineering in Chile, and it has experienced rapid growth over the last ten years. It has about 4,000 students and more than 100 full-time faculty. The FES offers 7 undergraduate engineering degrees, in addition to its M.Sc. and Ph.D. programs. The FES brings together an open-minded community of scholars who combine fundamental and applied research to develop creative and innovative projects. These projects are expected not only to advance the frontier of knowledge, but also to contribute toward developing solutions that can help reach our sustainable development goals, as portrayed by strategic plan (available at <https://ingenieria.uai.cl/plan-fic/>).

Job description

We are seeking applications for a faculty position in the broad area of condensed matter and material sciences. We are particularly interested in candidates working in theoretical quantum many-body and strongly correlated materials, ideally in topics relevant to the applied material science research carried out within the FES. Candidates should have demonstrated the ability to pursue a high impact research program.

The selected candidate is expected to teach, in Spanish and/or English, undergraduate and graduate courses in Physics and related fields, supervise theses, conduct high quality research, publish in top international journals, submit research proposals to national, international and multinational funding organizations, and participate in outreach activities. FES also encourages and welcomes technological transfer and research in collaboration with the industry and the government. The salary depends on the qualifications of the chosen candidate. As a reference, a starting Assistant Professor should expect a monthly remuneration ranging between \$3.000.000 to \$4.000.000 CLP before taxes (US\$ 48.000 - US\$ 64.000 annual salary approximately at the current exchange rate). This salary does not include potential stipends from grants or research contracts.

Candidates do not need to be fluent in Spanish at the moment of applying. They must have excellent oral and written communication skills, a great aptitude for teamwork, and a strong

commitment to high quality education and research. Applicants must have earned a PhD degree at the time of hiring. Applicants in the late stage of doctoral studies are welcome.

At FES we believe that diversity broadens our research scope and enhances the quality of our education, so we highly encourage women, international scholars, and minorities to apply for this position.

Application instructions

Applications should be turned in by **November 30, 2021** to ensure full consideration, but the search will continue until the position has been filled. Candidates should submit the following information as a single pdf file via email to FacultyPositions.FIC@uai.cl (email subject: Faculty Position Physics):

1. Statement of purpose (in English) indicating your merits for the position, and your plans in the areas of research and teaching in which you are interested.
2. Curriculum vitae, which must at least include: contact information, educational background, educational and/or professional experience, and a list of publications in scientific journals.
3. Name, position and contact information of at least three people who can submit a recommendation letter in case you are shortlisted.
4. Availability to work in the campus of Santiago, Viña del Mar or both.

The candidate may also be asked to give a lecture about his/her current research topics and/or to hold interviews with the Dean and members of the Faculty of Engineering and Sciences. Interviews will be done by videoconference.