

Associate Professor

Ecole/Institution/Société:

School of Engineering, Chile / Santiago

Discipline:

Algorithms

Type d'emploi::

Full-time

Date de publication:

2025-02-23

Personne à contacter:

If you wish to apply for this position, please specify that you saw it on AKATECH.tech

Faculty Position in Fluid-Structure Interactions

Job description

Tipo de planta académica: Regular Academic Track

Employment: Full time

The School of Engineering at UC Chile, one of the leading engineering academic institutions in Latin America, invites outstanding candidates for a full-time faculty position in the area of Fluid-Structure Interactions. Although this call is initially intended for candidates at the Assistant Professor level, exceptional applications at the Associate Professor level are also welcome.

Duties: High-quality teaching (at engineering undergraduate and graduate levels) and conducting independent research. Additional duties include knowledge transfer, outreach, student counseling and university administrative tasks. The new position in Fluid-Structure Interactions should conduct research applied to at least two of the following areas: infrastructure, manufacturing, energy and materials.

Equal opportunity employer

EEO/AAP Policy Statement

UC Chile is committed to providing equal employment opportunities, fostering an inclusive, diverse and fraternal community, and promoting the academic development of women and men.

Other Chilean and University employment benefits may be found in:

Foreign workers in Chile

University rules and regulations

All members of UC Chile subscribe the Code of Ethics that can be found in <https://www.uc.cl/codigodehonor>

Qualifications

Applicants must have earned a Ph.D. degree in Mechanical, Mathematical, Civil or Environmental Engineering, or similar disciplines, at the time of hiring. Due to the nature of our School, the applicant will have the opportunity and should be willing to work collaboratively with any two of the Departments involved in this position: the Department of Construction Engineering and Management (DIGC), the Department of Hydraulic and Environmental Engineering (DIHA), the Department of Mechanical and Metallurgical Engineering (DIMM), and the Department of Structural and Geotechnical Engineering (DIEG). Previous postdoctoral or international academic experience should be stated in the application.

Candidates do not need to be fluent in Spanish at the time of application but should be prepared to learn the language well enough to teach in Spanish in the short term (two years maximum). Fluency in English is a requirement.

Applicants must demonstrate a strong commitment to all aspects of academic life and public good of the institution. They must be highly motivated to continuously improve their teaching skills, have a genuine interest in getting involved with our graduate programs (specially the doctoral program) and be able to develop and maintain an active research agenda leading to high quality publications, securing research grants, generating and participating in interdisciplinary projects, leading scientific and industry-liaison initiatives, strengthening and creating national and international academic networks, etc. The candidate will also be expected to create new undergraduate and graduate courses and teach traditional courses in related areas.

If selected for the position, foreigners that apply from abroad must obtain the appropriate visa in

their country of residence, to join the University faculty.

Required documents

A research statement (in English) indicating the immediate and long-term goals of the applicant's research plan and detailing potential collaboration networks with other researchers and plans for interactions with scientists in Chile and other countries.

A teaching statement of purpose (in English) indicating why the applicant should be considered for the position and the plans for teaching. The applicant should be as specific as possible by providing examples of the plan to transfer knowledge to undergraduate and graduate students.

An updated curriculum vitae (in English, see note B).

If available, copies of five recent Web of Science publications that are relevant to the context of the application (see note C).

At least, three letters of recommendation, which must be e-mailed directly by the signatories to vacantes-academicas@ing.puc.cl.

Additional information

Note A:

The applicant will get an automatic response from this email address confirming that the documents have been received.

Note B:

The CV must be organized as follows:

Personal information: name, address, contact telephone number (with country and city codes), email address, web page (if any).

Education: all academic and professional degrees, indicating the granting institutions and dates. If the applicant is currently enrolled in a doctoral program, please indicate the expected date for the degree.

Educational experience (university or institution, courses taught and years).

Professional experience (employer, duties, years).

Research:

a) List of Web of Science journal publications (see note C).

b) List of other publications such as reports, books or book chapters, conferences attended, research

projects participated in, patents, etc.

Other: awards, computer skills, languages, and any other relevant background information.

Note C:

Please avoid padding the list with other publications, such as those published in journals not indexed in the Web of Science database, conference presentations and alike.

Once the complete set of application materials has been received, the applicant will be contacted within two months after the application deadline and informed whether the application has been accepted for further consideration. If this initial screening is successful, the candidate will be asked to continue the process following the steps described in Appendix 1.

Additional information can be requested by writing to vacantes-academicas@ing.puc.cl.

Appendix 1. Application steps

Interviews/Seminar:

- a) Interview with the Selection Committee
- b) Interview with faculty members of the departments involved.
- c) Psychological Interview
- d) Seminar (open to faculty members of the School of Engineering)

The interviews and seminar are generally carried out within a week.

2. Selection of the final candidate by the Department and the Selection Committee
3. Ratification of the selected candidate by the School Council
4. The selected candidate is informed (offer letter)

Application instructions

Applicants should submit the following documents to vacantes-academicas@ing.puc.cl (in the email subject line, please indicate: Faculty position in Fluid-Structure Interaction; see note A) by September 30th, 2024 (late applications will be considered until the position is filled).

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