



Advanced Center
for Electrical and Electronic Engineering



UNIVERSIDAD TÉCNICA
FEDERICO SANTA MARÍA

FULL-TIME RESEARCHER POSITIONS

The Advanced Center for Electrical and Electronic Engineering (AC3E) is offering two **full-time researcher positions** in any of the following areas of application of the Center: Smart Industry and Health Technology. These areas encompass several research lines including, but not limited to, Control and Automation, Robotics, Data Analytics and Computational Intelligence, and Biomedical Systems.

Part of the renowned Universidad Técnica Federico Santa María (USM), AC3E unites top-tier talent from seven additional Chilean universities, serving as a central hub of research excellence and innovation in Electrical and Electronic Engineering. Our mission is to advance knowledge and technology development, cultivate skilled professionals, and stimulate innovation and technology transfer in sectors of societal and industrial relevance.

AC3E values diversity among those who join its team and has adopted a gender equity policy to warrant fairness in the recruitment process. We are particularly committed to reducing the underrepresentation of women in the field of Electrical and Electronic Engineering, and therefore women are strongly encouraged to apply. We are proud of having an inclusive and diverse work environment.

Job description

- Design, organize and conduct highly specialized research in the field of expertise.
- Generate scientific reports and publish results in high-impact journals
- Secure competitive external funding to support research activities.
- Attract competitive external research funds.
- Engage in industrial projects related to your area of expertise, translating research insights into practical applications.
- Collaborate with members of the AC3E team.
- Offer mentorship and guidance to postdocs, students, and junior technical staff/engineers.

Requirements

- Documentation providing evidence of the possession of a PhD
- Strong publication record demonstrated with publications in WoS and external funding.
- Experience in the field of innovation and technology transfer is desired, through patents and industrial projects.
- Language proficiency: English and Spanish (desired)

Required Documents

- Cover letter stating your motivation to join AC3E.
- Curriculum Vitae, including a list of publications, patents, grants, and projects.
- Documentation providing evidence of the possession of a PhD.
- Contact details of at least two references (former supervisor is encouraged)

General Information

- Salary according to a competitive standard
- Required documents should be provided in English in a single PDF file.
- AC3E is located at USM main campus in Valparaiso, Chile. The applicants are expected to live and work in Valparaiso, Chile
- Applications will be evaluated based on the following criteria: Research accomplishments (publications, grants and awards): 50%; Research statement: 30%; and Expected impact at AC3E: 20%
- As part of our commitment to gender equity, particularly the underrepresentation of women in the field of Electrical and Electronic Engineering, women evaluated in the same ranking tier (divided in quintiles) as men will be selected.
- English proficiency certification is welcome.
- Deadline to submit applications is **October 31, 2023**.
- Results will be informed in November 2023
- Applicants that can demonstrate a prompt starting date are highly encouraged to apply
- Applications should be sent to ac3e@usm.cl with subject **AC3E FULL-TIME RESEARCHER POSITIONS**
- Additional information can be found at www.ac3e.usm.cl and at www.usm.cl
- Further enquiries can be addressed to ac3e@usm.cl