Academic Tenure Track Position: ELECTRONIC BIOENGINEERING

The Department of Electronic Engineering, Universidad Técnica Federico Santa María, offers a full-time academic tenure-track position, to strengthen multidisciplinary research lines in Electronic Bioengineering.

The successful applicant will be asked to sign a performance agreement defining the specific goals to be achieved in teaching and research during a trial period of three years. If the assessment of the attainment of the goals specified in the aforementioned agreement receives positive evaluations, the candidate will be offered a permanent position in the Department of Electronic Engineering.

Position requirements

- The successful candidate should be in possession of a doctoral degree in Electronic Engineering, or similar, with demonstrable results in the creation of knowledge, through patents or publications in ISI indexed journals.
- Experience in application and research project management is also desirable.
- Teaching in graduate (Master and Doctorate) programs and at undergraduate level (theoretical and experimental).
- To be part of training programs in modern educational methodologies and planning of the engineering curriculum.
- Applicants not fluent in Spanish should show willingness to acquire as soon as possible sufficient proficiency to be able to teach and to interact with students.

The trajectory and expertise of the candidate is expected to strengthen multidisciplinary research lines in Electronic Bioengineering, such any of the following areas:

- Modeling and analysis of biological systems
- Instrumentation associated with bioelectric signals,
- Digital signal processing and biomedical imaging.

Additionally, it is desirable that the candidate may complement and strengthen new lines of research in the Department of Electronic Engineering, such as voice and hearing, biomedical acoustics, computational neuroscience, biological vision and ambulatory monitoring of biomedical signals, human computer interaction, cognitive feedback and statistical analysis.

More information about the Department of Electronic Engineering, UTFSM, and the related research projects can be found at:
http://www.elo.utfsm.cl
http://www.elo.utfsm.cl/~bioelo/

Additional General information on the University and on Valparaiso can be found in
http://www.oai.utfsm.cl/en/usm/
**Documentation required**

1. Curriculum Vitae.

2. Short essay concerning a personal proposal for academic development, including research and teaching.

3. Recommendation letters from (at least, two) academics. One of the referees should be the Ph.D. Thesis advisor.

4. Copy of most relevant publications.

5. Certificates of diplomas and degrees.

**Submission of Application**

Additional information can be requested by e-mail to concursos.elo@usm.cl, cc: convenio.doctorados@usm.cl

Applications should be sent in electronic format to: concursos.elo@usm.cl, cc: postulaciones.rrhh@usm.cl

The subject of the message should include the Position Code **13-01-57**.

**Closing date:** All application material must be received by November 30th, 2013. Results will be announced on December 20th, 2013. Successful candidates are expected to join UTFSM no later than March 2014.