

## Tenure-Track Assistant Professor in Mathematics in Numerical Analysis

### The Institute of Mathematics of the Pontifical Catholic University of Valparaíso

The Pontifical Catholic University of Valparaíso (PUCV) is a traditional Chilean university located in the historical city of Valparaíso. It has a vibrant community of approximately 600 professors and 17,000 students, and is committed to both high quality research and service to the community through teaching, outreach and financial support for students.

The Institute of Mathematics (IMA) offers undergraduate, Master and PhD programs in Mathematics and in Mathematics Education. Additionally, a Master program in Scientific Computing is about to be initiated. The main areas of research in mathematics in IMA are Dynamical Systems, Number Theory, and Numerical Analysis.

The research in the **area of Numerical Analysis** is mainly focused on developing and analyzing algorithms to approximate the solution of Partial Differential Equations. More information can be found in <http://ima.ucv.cl/investigacion/analisis-numerico>.

We are looking to fill a tenure-track Assistant Professor position in the area of Numerical Analysis, however strong candidates from other areas will also be considered. Applicants with Scientific Computing skills are expected.

Candidates should have a PhD in Mathematics, a strong research potential and commitment to teaching. The ability to obtain grants with national and/or international funding is highly valued. In addition, in order to support the development of researchers, PUCV funds internal research projects (as a way of promoting applications to external funds) and offers reduced teaching duties for active researchers.

The teaching load is one course per semester, and handling some administrative work is expected. It is required that the professor will be able to teach courses in Spanish during the second year of his contract. The University offers Spanish courses if necessary.

The contract will be renewable annually up to the 4th year. After 3 years, the professor must initiate the academic tenure process. The initial annual salary is approximately US\$ 34,000, distributed in 12 months. This is usually complemented with financial incentives for publications (for example approx. US\$ 4,000 for a Q1 WoS publication). Salary will be increased in accordance to evaluation once the professor undergoes the academic tenure process.

The deadline is **October 7, 2018** and we strongly encourage the applicants to submit their applications using [www.mathjobs.org](http://www.mathjobs.org). We also accept applications by email to [concurso.ima@pucv.cl](mailto:concurso.ima@pucv.cl), in this case please use the email subject "Postulation Numerical Analysis". Pre-selected applicants will be interviewed personally or online.

The results will be announced during the month of **November 2018**. The starting date is expected to be **March 1, 2019**.

### **Application Documents**

- A cover letter.
- A research statement indicating your research interests, your accomplishments and your future plan.
- Detailed Curriculum Vitae, including list of publications and teaching experience.
- Two recommendation letters uploaded to [www.mathjobs.org](http://www.mathjobs.org) or sent directly by the recommenders to [concurso.ima@pucv.cl](mailto:concurso.ima@pucv.cl), with the title "Recommendation letter [applicant name]".

For more information on the IMA-PUCV, please visit our webpage at <http://www.ima.ucv.cl>.