

Tenure-Track Assistant Professor in Mathematics in Dynamical Systems

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 Dynamical Systems** is focused in the study of systems exhibiting partial hyperbolicity, dominated splitting or nonuniform hyperbolicity, smooth ergodic theory, complex and non-archimedean dynamics. The dynamical systems group of Valparaíso consists of around 15 professors, postdocs and graduate students and is very active, organizing various conferences, seminars and other activities in the area.

We are looking to fill a tenure-track Assistant Professor position in the area of Dynamical Systems, however strong candidates from other areas will also be considered.

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. We also accept applications by email to concurso.ima@pucv.cl, in this case please use the email subject "Postulation Dynamical Systems". 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 or sent directly by the recommenders to 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>.