

Chair Marília Chaves Peixoto at FGV EMap

Introduction

The School of Applied Mathematics at Fundação Getulio Vargas ([FGV EMap](#)) in Rio de Janeiro, Brazil, invites applications for female candidates for a postdoctoral fellowship in Applied Mathematics, Statistics or Data Science.

FGV EMap is a growing department that aspires to be top-ranked worldwide. It currently offers undergraduate, M.Sc. and PhD degrees in Applied Mathematics and Data Science. International collaborations and joint research projects are currently ongoing with several research institutions in Europe and North America.

The Chair Marília Chaves Peixoto is part of new politics of FGV EMap to promote the career development of female researchers. FGV EMap seeks to increase the number of women in higher qualification levels of Mathematics and Computer Science. The Chair Marília Chaves Peixoto will open a new position every year.

[Marília Chaves Peixoto \(1921-1961\)](#) was a Brazilian mathematician and engineer who worked in the field of Dynamical Systems. She was the first Brazilian woman to receive a doctorate in mathematics. Her works on convex functions had international repercussions and, in 1951, Marília joined to the Brazilian Academy of Sciences, being the first Brazilian woman to be a member of that institution. She died prematurely on January 5, 1961, at the age of 39.

Description of the position

We are looking for **early-career female researchers to develop innovative research in Applied Mathematics, Statistics or Data Science**. Priority will be given to candidates whose research interests intersect with the research agenda of other members of the department.

The successful candidate is expected to develop collaborative research within the department, supporting our ongoing expansion in the area. It is also expected the post holder will collaborate with the members of the group on the application process for external funding. Light teaching duty will be required of one course per year.

The post holder will be paid R\$12,000.00 tax free per month. This position is a 24 months fixed term contract with possibility of extending it for another 12 months and has to start **no later than March 2024**.

Qualifications

The successful candidate is expected to be a female researcher holding a Ph.D. in Applied Mathematics, Statistics or Data Science or related discipline, by the time of the appointment. The Ph.D. must have been obtained after March 31st 2016*. We expect the applicant to have an expanding track of publications and a strong potential of publishing in top ranked journals. The successful candidate will also possess excellent communication and presentation skills.

** To candidates that have children, the date from Ph.D. is extended in one year per child.*

Application

Applicants should send their applications to: **postdoc.emap@fgv.br** including:

1. cover letter describing their experience, interests, and suitability for the position;
2. curriculum vitae;
3. a list of academic articles showcasing the applicant's research.

Applicants should also provide at least two reference letters to be sent directly by the referees to **postdoc.emap@fgv.br** before the deadline.

Applications received by August 31, 2023, will receive full consideration. Selected individuals will be contacted for an interview by September 14, 2023. Interviews will be scheduled starting from September 20, 2023.

Further enquiries should be sent to Prof. César Camacho, Head of the School, by email **emap@fgv.br**.

About us

The **Fundação Getulio Vargas** (FGV), founded in 1944 in Rio de Janeiro, Brazil, is internationally recognized as one of the 6 most important think tanks in the world and one of the best institutions of higher learning. FGV is consistently ranked as the best institution in South and Central America and the 10th leading institution in the world for the production of applied research with impact on the implementation of public policies; and the 5th in the world in the area of social policies.

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