

Invitation to Prospective Postdoctoral Researchers

The **Stochastic systems modeling** project in the state of São Paulo, Brazil, invites Ph.D. students in the final stages of their doctoral studies and early-career researchers who have recently obtained their Ph.D. to get in touch with the principal investigators of the project.

The project is developed across four universities — Universidade de São Paulo (USP), Universidade Estadual de Campinas (UNICAMP), Universidade Federal de São Carlos (UFSCar), and Universidade Federal do ABC (UFABC) — and brings together researchers working in Probability Theory, Stochastic Processes, statistical inference, and related areas.

The main research directions of the project include percolation and interacting random walks, population dynamics and genetic models, information propagation models, stochastic and dynamical systems, statistical inference, and modeling and inference in complex systems. Related research topics in Probability Theory and Stochastic Processes are also of interest.

Researchers whose interests are connected with these topics are encouraged to contact the principal investigators to discuss possible research projects, postdoctoral opportunities, and scientific collaborations within the project.

The project is supported by the São Paulo Research Foundation (FAPESP) through grant **2023/13453-5** and is coordinated by Prof. Luiz Renato Gonçalves Fontes. The research team includes:

Anatoly Yambartsev, Andressa Cerqueira, Conrado Costa, Cristian F. Coletti, Eduardo Jordão Neves, Élcio Lebensztayn, Fábio P. Machado, Florencia Leonardi, Leonardo T. Rolla, Luiz Renato G. Fontes (Coordinator), Miguel Abadi, Nancy L. Garcia, Pablo A. Gomes, Renato Gava, Sandro Gallo, and Vladimir Belitsky.

Interested researchers may contact one of the principal investigators to discuss possible research projects, postdoctoral opportunities, and scientific collaborations within the project. General inquiries may be addressed to Carolina Grejo at inct@numec.prp.usp.br.