

## Claudio Landim

### Education

- 1982 - 1985 Graduate Studies, Dept. of Mathematics, PUC-Rio.
- 1985 - 1986 Master, IMPA
- 1986 - 1990 Ph. D., Université Paris VII
- 1996 - 1996 Habilitation à Diriger des Recherches, Université de Rouen

### Positions

- 1985 - 1986 Research Assistant, IMPA
- 1988 - 1990 Allocataire d'Enseignement et de Recherches, U. Rouen
- 1990 - 2002 Chargé de Recherches, CNRS, UMR 6085
- 2002 - present Directeur de Recherches, CNRS, UMR 6085
- 1994 - 2000 Associate Researcher, IMPA
- 2000 - Present Researcher, IMPA

### Selected talks

- Invited lecture at the International Congress on Mathematical-Physics 2006.
- Lévy Lecture, 34th Conference on Stochastic Processes and their Applications, Osaka, Japan, 2010.
- Kai Lai Chung Lecture, Seminar on Stochastic Processes, University of Maryland, USA, 2016
- Invited lecture at the International Congress of Mathematicians 2018 (ICM 2018). Probability section and Mathematical Physics section.
- Invited lecture at the International Congress on Mathematical-Physics 2021.
- Invited panel moderator at the International Congress of Mathematicians 2022 (ICM 2022) Section Mathematical Education and Popularization of Mathematics.

### Editorial Activities

- Editor
  - Revista Matemática Universitária, 1999–2001
  - ALEA, Latin American Journal of Probability and Mathematical Statistics, 2005 – 2012.
  - The Annals of Applied Probability, 2025–2027
- Associate Editor
  - Stochastic Processes and their Applications, 1999–2006.
  - Journal of Statistical Physics, 2000–2002
  - Anais da Academia Brasileira de Ciências, 2011–2012

- Annales de la Faculté des Sciences de Toulouse, 2003 – 2006
- Journal of Statistical Physics, 2013–2018
- Electronic Journal of Probability and Electronic Communications of Probability, 2015–2020
- ALEA, Latin American Journal of Probability and Mathematical Statistics, 2013–2018
- Probability Theory and Related Fields, 2015–2020
- IMPA’s Monographs, 2017 – present.
- Bulletin of the Brazilian Mathematical Society, 2018–present
- Epimath, 2021 – present.

### Sciences Academy

- Academia Brasileira de Ciências, 2000
- The World Academy of Sciences (TWAS), 2010.

### Publications

121 articles published in international journals with peer revision and 3 books.

### Selected Publications

- L. Bertini, A. De Sole, D. Gabrielli, G. Jona-Lasinio, C. Landim; Macroscopic fluctuation theory for stationary nonequilibrium states. *Journal of Statistical Physics* **107**, 635-675, (2002),
- J. Beltrán, C. Landim; Tunneling and metastability of continuous time Markov chains. *J. Stat. Phys.* **140** 1065–1114 (2010).
- L. Bertini, A. De Sole, D. Gabrielli, G. Jona-Lasinio, C. Landim; Macroscopic Fluctuation Theory. *Rev. Modern Phys.* **87**, 593–636 (2015)
- J. Farfán, C. Landim, K. Tsunoda; Static large deviations for a reaction-diffusion model. *Probab. Th. Rel. Fields.* **174**, 49–101 (2019)
- C. Landim, D. Marcondes, I. Seo: A resolvent approach to metastability. arXiv: 2102.00998 (2021).