João Maia - CV

Postdoc at Peking University,
Website: www.ime.usp.br/ joaovitor
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EDUCATION

University of São Paulo São Paulo, Brazil
Ph.D. in Applied Mathematics, Advisor: Rodrigo Bissacot 2019–2024

University of Geneva Geneva, Switzerland
NCCR Swissmap Masterclass 2019–2020

University of São Paulo São Paulo, Brazil
B. Sc. in Applied Mathematics 2015–2018

PUBLICATIONS AND PREPRINTS

1. Maia, J., *Phase Transition for Long-Range Random Field Ising Model in Higher Dimensions.* Ph.D. Thesis - University of São Paulo arXiv:2403.04921.(2024)

2. Affonso, L., Bissacot, R. and Maia, J., *Phase Transition for Long-Range Random Field Ising Model in Higher Dimensions.* arXiv preprint arXiv:2307.14150.(2023)

3. Bissacot, R. Maia, J., *Phase Transitions in the semi-infinite Ising model with a decaying field.* arXiv preprint arXiv:2311.18058. (2023)

TALKS

- Probability Seminar
  Title: Long-range random field Ising Models 2023
  University of São Paulo, São Paulo, Brazil

- Probability Seminar Series
  Title: Long-range Ising Models: a contours argument and the random-field. 2023
  Peking University, Peking, China

- Spring Probability Seminar Series
  Title: Long-range Ising Models: a contours argument and the random-field. 2023
  NYU Shanghai, Shanghai, China

CONFERENCES

4.1 As speaker

- Randomness 2024 2024
  Institute of Mathematics and Statistics - USP, Brazil

- Interfaces Between Quantum and Classical Statistical Mechanic 2023
  Institute of Mathematics and Statistics - USP, Brazil

4.2 Poster Presentation

- XIII Brazilian School of Probability   2019
  IMCC-USP, São Carlos, Brazil

4.3 As attendee

- Brazil-China Joint Mathematical Meeting   2023
  Foz do Iguaçu, Paraná, Brazil
- Statistical Mechanics: Recent Results   2021
  Institute of Mathematics and Statistics - USP, São Paulo, Brazil
- Winter School in Mathematical Physics   2020
  NCCR SwissMAP, Les Diablerets, Switzerland
- 6th SwissMAP General Meeting   2019
  NCCR SwissMAP, Villars-sur-Ollon, Switzerland
- Topics in Mathematical Physics - ICM sattelite conference   2018
  Institute of Mathematics and Statistics - USP, São Paulo, Brazil

TEACHING

- **Teaching Assistant** at University of São Paulo - 2021
  Statistical Mechanics for Ferromagnetic Models

LANGUAGES

- **Language:** Portuguese, native language
- **Language:** English, fluent