

GRASIELE ROMANZINI BEZERRA

✉ bezerragrasiele@gmail.com

in grasiele-romanzini-bezerra

Bezerragrasie

PROFILE

Grasiele Romanzini Bezerra is currently cursing a full time master degree at Brazilian Center for Research in Physics (CBPF), Brazil, and she holds a bachelor degree in Physics (2020) from Federal University of Rio Grande do Sul (UFRGS), Brazil. Besides having an advanced knowledge in data science and excellent computational skills, she also has 5 years experience in analyse scientific and social data using a varied range of tools, such as excel, python, R and C. Most of her research is focused on astrophysics, cosmology and modified gravity, however she also has experience in using sciencemetry to understand and explain social behaviours.

EDUCATION

Master in Cosmology

🏛 [Brazilian Center for Research in Physics \(CBPF\)](#)

📅 Aug 2021 - In progress

📍 Rio de Janeiro, RJ Brazil

- **Dissertation:** "Galaxy Dynamics and Modified Gravity from Einstein Rings and Velocity Dispersion".
- **Advisor:** Dr. Martin Makler

BSc in Physics

🏛 [Federal University of Rio Grande do Sul, UFRGS.](#)

📅 Mar 2015 - Feb 2020

📍 Porto Alegre, RS, Brazil

- **Dissertation:** "Testing the Parameterized Post-Newtonian Gravity with Strong Gravitational Lensing"
- **Committee:** Dr. Cristina Furlanetto (chair), Dr. Ana Chies Santos e Dr. Magno V. T. Machado.

RESEARCH EXPERIENCE

Scientific Initiation

🏛 [Physics Institute, Federal University of Rio Grande do Sul](#)

📅 Jan 2019 - Feb 2020

📍 Porto Alegre, RS, Brazil

- **Project:** Testing the Parameterized Post-Newtonian Gravity with Strong Gravitational Lensing
- **Advisor:** Dr. Cristina Furlanetto
- Analyse data of 103 lensing galaxies from 4 different surveys

Internship

🏛 [Physics Institute, Federal University of Rio Grande do Sul](#)

📅 June 2015 - July 2019

📍 Porto Alegre, RS, Brazil

- **Project:** Gender Diversity in Science
- **Advisor:** Dr. Marcia C. B. Barbosa
- Statistical analyses of gender diversity using data of 5 thousand Brazilian scientist

PROFESSIONAL TRAINING

Professional Certificate in Data Science

🏛 [Harvard](#)

📅 Jul 2021

Course - Data Visualization and Communication with Tableau

🏛 [Duke University](#)

📅 Jun 2021

Course - Mastering Data Analysis in Excel

🏛 [Duke University](#)

📅 Mar 2021

Course - Privacy Law and Data Protection

🏛 [University of Pennsylvania](#)

📅 Mar 2021

Course - Data Analytic en Power BI

🏛 [Coursera Project Network](#)

📅 Jan 2021

Course - Data-driven Astronomy

🏛 [The University of Sydney](#)

📅 Aug 2020

EVENTS

Participation

Astroinformatics 2021

- 📅 Nov 2021
- 📍 International AstroInformatics Association (IAIA)

Winter school

XIII CBPF's winter school

- 📅 Aug 2021
- 📍 Brazilian Center for Research in Physics (CBPF), Rio de Janeiro, Brazil.

Oral Presentation - Testing the Parameterized Post-Newtonian Gravity with Strong Gravitational Lensing

First Workshop on Lensing by Galaxies and Clusters

- 📅 Oct 2019
- 📍 Federal University of Rio Grande do Sul, Porto Alegre, RS, Brazil

Winter School

Astrophysical Winter 2019

- 📅 Aug 2019
- 📍 Center for Astrophysics and Cosmology of the UFES, Castelo, ES, Brazil

Poster Presentation - Geographic and Gender Diversity in the Brazilian Academy of Sciences

IX Workshop in Complexity of Water and Other Liquids

- 📅 Nov 2018
- 📍 Federal University of Pelotas, UFPel, Pelotas, RS, Brazil

Poster Presentation - Women in Physics in Brazil

VII Workshop in Complexity of Water, Other Liquids and Science Education

- 📅 Nov 2016
- 📍 Federal University of Santa Catarina, Ararangua, SC, Brazil

Poster Presentation - Women in Physics

VI Workshop on Complexity of Water and other Liquids

- 📅 Nov 2015
- 📍 Federal University of Santa Catarina, Ararangua, SC, Brazil

PUBLICATIONS

- 📄 **Bezerra, Grasielle Romanzini**, Daniela Lazzaro, Aruquia Peixoto, Maria Margaret Lopes, C Andrade, H. J. N. Lopes, and Márcia C. Barbosa (2019). "Female Researchers in Science in Brazil: the Scissors Effect". In: *La Brecha de Género en Matemática, Computación y Ciencias Naturales*. Edited by Lilia Meza Montes and Silvina Ponce Dawson. Mexican Physic Society, pages 55–67.
- 📄 Ferrari, Nathália C, Raquel Martell, Daniela H Okido, **Grasielle Romanzini**, Viviane Magnan, Márcia C Bar-

PROFESSIONAL TRAINING

Course - Database 1: Fundamentals

[🏛️ Federal Institute of Rio Grande do Sul](#)

📅 July 2020

Course - Basic Coding with Java I

[🏛️ Federal Institute of Rio Grande do Sul](#)

📅 July 2020

Course - Code in Python

[🏛️ Primecursos](#)

📅 July 2020

bosa, and Carolina Brito (2018). "Geographic and gender diversity in the Brazilian Academy of Sciences". In: *Anais da Academia Brasileira de Ciências* 90.2, pages 2543–2552.

📖 **Bezerra, Grasielle** and Marcia C Barbosa (2016). "Mulheres na física no brasil". In: *SBF Sociedade Brasileira de Física – 50 anos – 1966 – 2016 (Book of 50 years of the Brazilian physic society)*. Edited by Alicia Ivanisovich and Cássio Leite Vieira. Brazilian Physic Society, pages 132–135.

REFEREES

Supervisor - Prof. Dr. Martin Makler

🏛️ Brazilian Center for Research in Physics, CBPF, Brazil

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Supervisor - Prof. Dr. Cristina Furlanetto

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