# Laura Scholz Díaz

laura.scholzdiaz@inaf.it | personal web page
| NASA/ADS publication list | ORCID: 000-0002-6624-8880

## EDUCATION

### PH.D. IN ASTROPHYSICS
Instituto de Astrofisica de Canarias & Universidad de La Laguna
Summa cum laude
10/2020 - 05/2024 | Tenerife, Spain

### MSC IN ASTROPHYSICS
University of La Laguna
09/2018 - 07/2020 | Tenerife, Spain

### BSC IN PHYSICS
University of La Laguna
09/2012 - 07/2016 | Tenerife, Spain

## OBSERVING TIME

Isaac Newton Telescope (INT) IDS/EEV10 at the ORM **PI: Scholz-Díaz. Awarded time: 11 nights** | 03/2021

## COMMUNITY SERVICE

- Co-organizer of weekly extragalatic group meetings (INAF-O.A.A) 09/2024 - present | Florence, Italy
- Co-organizer and co-founder of monthly early-career researchers meetings (INAF-O.A.A) 07/2024 - present | Florence, Italy
- Reviewer for Monthly Notices of the Royal Astronomical Society (MNRAS) 01/2024 - present
- Co-organizer of the weekly TRACES group meetings & Journal Clubs (IAC) 10/2020 - 05/2024 | Tenerife, Spain
- Speaker at the programme *Talk to them: Women in Astronomy* giving talks in high schools 2023-2024 IAC | Tenerife (Spain)
- Invited speaker for interviews at the TV programme *Ponte al Día*, at the newspaper *El Día*, and at the TV news *Atlántico noticias* | 27/02/24, 21/02/24, 11/02/22 | Tenerife (Spain)

## SKILLS

### PROGRAMMING
- **Python** ( *e.g., astropy, numpy, scipy, emcee, pandas, matplotlib, seaborn, multiprocessing)*
- LaTeX • IDL • Fortran
- Astonomical software & tools (e.g. pPXF, VorBin, TOPCAT, IRAF)

## RESEARCH EXPERIENCE

### POSTDOCTORAL RESEARCHER | INAF-Osservatorio Astrofisico di Arcetri (INAF-O.A.A.)
05/2024 - Present | Florence, Italy
- Working in collaboration with Anna Gallazzi, Stefano Zibetti & Filippo Mannucci

### SEVERO OCHOA PHD FELLOW | Instituto de Astrofísica de Canarias (IAC)
10/2020 - 05/2024 | Tenerife, Spain
- Thesis: *Probing the baryonic cycle of galaxies through stellar population analyses*
- Supervisors: Dr. Ignacio Martín Navarro & Dr. Jesús Falcón Barroso

### ERASMUS+ RESEARCH STAY | Leiden Observatory
03/2022-06/2022 | Leiden, The Netherlands
- Supervisor: Prof. Dr. Joop Schaye

### ERASMUS+ RESEARCH STAY | Max-Planck Institut für Astronomie (MPIA)
07/2019 - 09/2019 | Heidelberg, Germany
- Supervisor: Dr. Ignacio Martín Navarro

## FIRST AUTHOR PUBLICATIONS

[1] **Scholz-Díaz et al. 2024**. Nature Astronomy, 8:648-656
[2] **Scholz-Díaz et al. 2023**. MNRAS, 518(4):6325–6339
[3] **Scholz-Díaz et al. 2022**. MNRAS, 511(4):4900–4920
[4] **Scholz-Díaz et al. 2021**. MNRAS, 505(3):4655–4668

## SELECTED TALKS & SEMINARS

- **Contributed talk** at the *WAVES team meeting* | 06/12/2024 Perth, Australia (online)
- **Invited outreach talk** at the *XXXV Winter School of the Canary Islands: Baryonic cycle across space and time* | 18/10/2024 Tenerife, Spain
- **Contributed talk** at the *XVI Scientific meeting of the Spanish Astronomical Society SEA 2024* conference | 17/07/2024 Granada, Spain
- **Invited seminar** at the Instituto de Astrofísica de Canarias | 14/03/2024 Tenerife, Spain
- **Contributed talk** at the *A life devoted to stellar populations* conference | 05/10/2023 Tenerife, Spain
- **Contributed talk** at the *A journey through galactic environments* conference | 25/09/2023 - Porto Ercole, Italy
- **Invited talk** at the *Santa Cruz Galaxy Workshop* | 10/08/2023, California, USA
- **Two contributed talks** at the *European Astronomical Society meeting 2023* | 12-13/07/23 Krakow, Poland
- *CGI (Cosmology/Galaxies/IGM)* **invited seminar** at University of California, Santa Cruz (UCSC) | 13/03/23 California, USA
- **Invited lecture** at the MSc degree in Astrophysics of the University of La Laguna in the subject *Complementary activites to research* | 13/10/22, Tenerife (Spain)
- **Contributed talk** at the *XV Scientific meeting of the Spanish Astronomical Society SEA 2022* conference | 08/09/22 Tenerife, Spain
- **Contributed talk** at *European Astronomical Society meeting 2022* | 30/06/22 Valencia, Spain
- **Invited talk** at Kapteyn Institute | 28/04/22 Groningen, The Netherlands
- **Invited talk** at Leiden Observatory | 21/04/22 Leiden, The Netherlands