

# Anabella Araudo

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Date of birth: February 5, 1981  
Nationality: Argentine

## EDUCATION

**2006-2010** University of La Plata  
Ph.D. in Astronomy, Supervisor: Gustavo E. Romero

**1999-2005** University of La Plata  
Bachelor in Astronomy, Supervisor: Gustavo E. Romero, Co-Supervisor: Sergio Cellone

## CURRENT POSITIONS

2025-present **Senior Scientist**  
Czech Academy of Sciences, Institute of Physics

2024-present **Lecturer**  
Introduction to Cosmic Plasma. Charles University, Faculty of Mathematics and Physics, Czech Republic

## PREVIOUS RESEARCH POSITIONS

2022-2024 **Senior scientist**  
ELI ERIC, ELI Beamlines, Czech Republic

2019-2021 **Scientist**  
Czech Academy of Sciences, Institute of Physics, ELI Beamlines

2021-2023 **Marie Skłodowska-Curie Fellow**  
Laboratoire Univers et Particules de Montpellier (LUPM) Université Montpellier, CNRS, France

2017-2019 **Postdoctoral Research Associate**  
Czech Academy of Sciences, Astronomical Institute

2017-2017 **Postdoctoral Fellow**  
Laboratoire Univers et Particules de Montpellier (LUPM) Université Montpellier, CNRS, France

2014-2016 **Postdoctoral Research Associate**  
University of Oxford, Department of Physics

2011-2013 **Postdoctoral Fellow**  
National Autonomous University of Mexico

2010-2011 **Postdoctoral Fellow**  
Scientific and Technical Research Council, Argentina

## PREVIOUS TEACHING POSITIONS

2019-2019 **Invited Lecturer**  
Selected Chapters on Astrophysics, Charles University

2015-2016 **Lecturer in Physics**  
Relativity, Magdalen College, University of Oxford

2015-2016 **Tutor in Physics**  
Relativity, Magdalen College, University of Oxford

2010-2011      **Teaching Assistant**  
Relativistic Astrophysics. University of La Plata

## FELLOWSHIPS AND AWARDS

2021-2023      **Marie Skłodowska-Curie IF fellowship**  
France

## SUPERVISION OF STUDENTS AND POSTDOCTORAL FELLOWS

2021-2023      **Postdoctoral Fellow**  
Dr. Ana Laura Müller - Czech Academy of Sciences

2021            **Postdoctoral Fellow**  
Dr. Noemie Globus - Czech Academy of Sciences

2020-2024      **PhD Student**  
Özlem Tunc - Charles University, Faculty of Math and Physics

2022-2026      **PhD Student**  
Srija Reddy Muthyala - Charles University, Faculty of Math and Physics

2020-2021      **Master Student**  
Yelyzaveta Pulnova - Charles University, Faculty of Math and Physics

2020            **Summer student** - ELI Beamlines  
Filip Novotny (2nd-year student at Cambridge University)

2019            **Summer student** - ELI Beamlines  
Diego Viala (3rd-year student at Sorbonne University)

2016            **Summer student** - University of Oxford  
Yves Kwan (3rd-year student at Oxford University)

2015            **Summer student** - University of Oxford  
Aidan Crilly (3rd-year student at Cambridge University)

## LECTURER IN SUMMER SCHOOLS

2022    [9th summer school \*Plasmas in Super-Intense Laser Fields\*](#), Erice, Italy (July 1 – 11)

2021    [6th ELI Summer School](#), ONLINE (August 24 – 27)

## INSTITUTIONAL RESPONSIBILITIES AND PARTICIPATION IN EVALUATION PANELS

2023-2024      **Vice chair** of the program committee, [50th EPS Conference on Plasma Physics](#)

2022-2023      Member of the [Gender Equality Board](#), Institute of Physics of the Czech Academy of Sciences

2022-2022      Member of the [PhD Research Award](#) selection committee, [European Physical Society, Plasma Physics Division](#)

2021-2022      **Vice Chair** of the Observing Programmes Committee, [European Southern Observatory \(ESO\)](#)

2020-2021      **Coordinator** of the Cosmic Rays Physics Working Group, [Cherenkov Telescope Array \(CTA\)](#)

2015-2016      Member of Summer Students selection committee, University of Oxford

## ORGANIZATION OF SCIENTIFIC MEETINGS

|      |   |
|------|---|
| 2023 | Chair, <a href="#">Workshop on Laboratory Astrophysics</a> , June 19-21, Dolní Břežany, Czech Republic          |
| 2022 | LOC Co-chair, <a href="#">31st Texas Symposium on Relativistic Astrophysics</a> , September 2022, Prague        |
| 2019 | Chair, <a href="#">Workshop on Laboratory Astrophysics</a> , February 27 2019, Dolni Brezani, Czech Republic    |
| 2017 | Co-chair, <a href="#">From the Laboratory to the Non-Thermal Universe</a> , July 3-5 2017, University of Oxford |

## REVIEWING ACTIVITIES

|               |  |
|---------------|--|
| 2021          | Evaluator, US National Science Foundation (NSF)                          |
| 2020          | Evaluator, German Research Foundation (DFG)                              |
| 2019          | Evaluator, National Science Centre, Poland (Funding scheme OPUS)         |
| 2024- present | Scientific evaluation, Physical Review Letters                           |
| 2021- present | Scientific evaluation, Nature Physics                                    |
| 2018- present | Scientific evaluation, Astrophysical Journal                             |
| 2017- present | Scientific evaluation, Monthly Notices of the Royal Astronomical Society |
| 2017- present | Scientific evaluation, Astronomy & Astrophysics                          |
| 2017- present | Scientific evaluation, Astroparticle Physics                             |
| 2015- present | Scientific evaluation, Astrophysics and Space Science                    |
| 2012- present | Scientific evaluation, Mexican Journal of Astronomy and Astrophysics     |

## MEMBERSHIP OF SCIENTIFIC SOCIETIES

|              |  |
|--------------|--|
| 2022-present | Member, <a href="#">SST-1M</a>                                 |
| 2017-present | Member, <a href="#">International Astronomical Union (IAU)</a> |
| 2019-present | Member, <a href="#">Cherenkov Telescope Array (CTA)</a>        |
| 2009-present | Member, <a href="#">Argentinian Astronomical Society (AAA)</a> |

## RESEARCH GRANTS

- 1. Key to Cosmic Rays: A novel approach to a classical problem**
  - Funding source: Czech Science Foundation (GAČR)
  - Period: 2025-2027
  - Role: **PI**
- 2. Particle Acceleration Studies in Astrophysical Jets**
  - Funding source: Czech Science Foundation (GAČR)
  - Period: 2020-2022
  - Role: **PI**
- 3. On the maximum energy of particles accelerated in astrophysical jets**
  - Funding source: Marie Skłodowska-Curie IF fellowship
  - Period: 2021-2023

- Role: **PI**
4. **Accretion onto black holes on different scales: outflows and interactions**
    - Funding source: Czech Academy of Sciences
    - Period: 2022-2023
    - Role: Collaborator
  5. **Numerical simulations of protostellar jets termination region**
    - Funding source: AHEAD Transnational Visitor Programme (ATVP)
    - Period: 2022
    - Role: **PI**

## SELECTED INVITED TALKS

|      |  |
|------|--|
| 2025 | <a href="#">51st EPS Conference on Plasma Physics</a>  |
| 2024 | <a href="#">Journées 2024 of the French Society of Astronomy &amp; Astrophysics (SF2A)</a>   |
| 2022 | <a href="#">IAU Symposia: The multimessenger chakra of blazar jet</a>                        |
| 2022 | <a href="#">13th International Conference on High Energy Density Laboratory Astrophysics</a> |
| 2021 | <a href="#">47th annual European Physical Society (EPS) Conference on Plasma Physics</a>     |
| 2021 | <a href="#">5th Asia-Pacific Conference on Plasma Physics (AAPPS-DPP2021)</a>                |
| 2018 | <a href="#">Cosmic rays: the salt of the star formation recipe</a>                           |
| 2017 | <a href="#">7th Friends of Friends Meeting</a>   |
| 2016 | <a href="#">Simulations and Modelling of Relativistic MHD Accretion Discs</a>                |
| 2015 | <a href="#">Accelerating Cosmic Ray Comprehension</a>  |
| 2014 | <a href="#">Cosmic rays origin beyond the standard model(s)</a>                              |