

Europass Curriculum Vitae

Personal Information

First name(s)/Surname(s): Andrea Caputo
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Date of Birth: 02/05/1992
Place of Birth: Cosenza (CS), Italy
Nationality: Italian
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Languages: Italian (mother tongue), English (fluent), Spanish (fluent), French (basic), Hebrew (basic)

Work Experience

- **Associate Professor**, Sapienza University of Rome, Italy (November 2024 – Present)
- **Fellow**, Theory Group, CERN, Switzerland (November 2022 – November 2025)
- **Postdoctoral Researcher**, Tel Aviv University and Weizmann Institute, Israel (2020 – November 2022)

Education

- **PhD in Physics**, University of Valencia, Spain (2016 – 2020)
Grade: Sobresaliente con mención cum laude y doctorado internacional (highest distinction)
Advisor: Prof. Pilar Hernandez
- **MSc in Theoretical Physics**, University of Rome, La Sapienza, Italy (2014 – 2016)
Average Grade: 30/30
- **Undergraduate Studies in Physics**, Unical University, Italy (2011 – 2014)
Average Grade: 29.9/30

Research Funding

- **ERC Starting Grant 2023:** €1.5 million (highly competitive European grant for young researchers)

Fellowships and Awards

- IUPAP Best Young Scientist Prize in Astroparticle Physics (2023)
- CNRS Researchers Competition Winner, Section 02 CRCN (declined, 2023)
- Senior Fellowship, CERN Theory Group (2022–2025)
- IASH Postdoctoral Fellowship, Israel Academy of Sciences (2020–2022)
- Marie Skłodowska-Curie Fellowship (declined, 2022)
- Azrieli International Postdoctoral Fellowship (declined, 2022)

- ASN Associate Professor Qualification, Italy (2022)
- Best PhD Thesis Prize, University of Valencia (2021)
- Marie Skłodowska-Curie ESR PhD Fellowship (2016–2019)
- Della Riccia Fellowship for young researchers (€12,000, 2019)
- Cost Action Scholarships for visits to La Sapienza and CERN (2018–2019)
- Balzan Award, Centre of Cosmological Studies (£3,000, 2019)
- "Giuliano Preparata" Prize, Italian Society of Physics (€1,500, 2018)
- "Tito Maiani" Prize, Accademia Nazionale dei Lincei (€2,000, 2018)

Examples of Invited Seminars

- **2024:** KIAS, Seoul (November); Weizmann Institute, Rehovot (June)
- **2023:** Harvard University HEP-Seminars, Boston (October)
- **2022:** New York PACMAN Seminar, New York (March); IAS Astrophysics Seminar, Princeton (March); Berkeley Pheno-Seminar, Berkeley (February)
- **2021:** CERN-TH, Geneva (September); IPMU, Tokyo (May)
- **2020:** Cornell University (November); Stony Brook University (November)
- **2019:** SLAC, Menlo Park (November); Princeton University (October); Physics Department of MIT, Cambridge (October)

Examples of Conference Presentations

- **2024:** ALPS 2024, Austria
- **2023:** Review Talk, PONT Avignon 2023, Avignon; ALPS 2023, Austria
- **2022:** Current Topics in Astroparticle Physics, Munich; PADUA Workshop, Padua; Barolo Astroparticle Meeting 2022, Barolo
- **2021:** DESY Theory Workshop 2021, Hamburg
- **2020:** ICHEP 2020, Prague

Supervision of Students

- Supervised 5 MSc theses at universities including La Sapienza, University of Valencia, and Ecole Normale in Lyon:
 - * Mr. Giuseppe Rossi (La Sapienza)
 - * Mr. Enrico Cannizzaro (La Sapienza)
 - * Mr. Andres Bernabeu (University of Valencia)
 - * Mr. Federico Pavone (University of Padua)
 - * Mr. Thomas Levasseur (Ecole Normale, Lyon)
- Collaborated with PhD students, including:
 - * Mr. Carl Beadle (University of Geneva)
 - * Dr. Enrico Cannizzaro (now postdoc in Lisbon)
 - * Mr. Luca Teodori (Weizmann Institute)
 - * Mr. Giuseppe Rossi (Tel Aviv University)
 - * Dr. Xucheng Gan (now postdoc at DESY)

Organization of Scientific Meetings

- Local Organizer, Invisible Workshop 2024 (CERN)
- Local Organizer, EUCAPT 2024 (CERN)
- Organizer, Online Workshop "FISICA" hosted by MITP (2022)
- Organizer, Invisible Workshop (Valencia, 2019)

Publications and Citations

- **Publications:** 58
- **Citations:** 2567
- **H-index:** 28
- **Notable Publications:** 8 in PRL, including one Editor's Suggestion in PRD
- **Full List:** Available on INSPIRE-HEP

29/11/2024

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