

CRISTINA IACOMINO

cristina.iacomino@unibo.it



CURRENT POSITION	Research Fellow, University of Bologna <i>Department of Physics and Astronomy (DIFA)</i> <ul style="list-style-type: none">• Advisor: Prof. Salvatore Pascale• Project: ENCIRCLE (Evaluating the Changing Risk of Cyclones for Italian Precipitation Extremes)• Website: https://encircle.odoo.com/	Bologna, Italy Feb 2024 - Jan 2025 <i>(expected)</i>
EDUCATION	Master's Degree in Physics (110/110 cum Laude) <i>Department of Mathematics and Physics, Roma Tre University</i> <ul style="list-style-type: none">• Curriculum: Earth & Environmental Physics• Thesis: <i>Analysis of climate change signatures on intense precipitation events and extreme winds in the Greater Alpine Region (GAR)</i>• Advisor: Profs. Antonello Pasini and Claudia Pasquero	Rome, Italy 2018 - 2021
	Internship, University of Milano-Bicocca <i>Department of Earth and Environmental Sciences (DISAT)</i> <ul style="list-style-type: none">• Advisor: Prof. Claudia Pasquero• Research area: Analysis of extreme events using high resolution dataset (4km) in the Greater Alpine Region (GAR)	Milan, Italy Mar - Sep, 2023
	Bachelor in Physics (110/110 cum Laude) <i>Department of Mathematics and Physics, Roma Tre University</i> <ul style="list-style-type: none">• Thesis: "Mechanisms of Ice Nucleation in the Atmosphere"• Advisor: Prof. Laura Lupi	Rome, Italy 2018 - 2021
PREVIOUS WORK & RELEVANT ACTIVITY	Physics, Mathematics & Chemistry Tutor Rome, Italy	2019 - Jan 2024
	Tutoring activities for orientation-administrative support (200 hours) Rome, Italy <i>Department of Mathematics and Physics, Roma Tre University</i> <ul style="list-style-type: none">• Development of spreadsheets for administrative organization;• Development and production of flyers to publicise departmental events;• Contributed to event management during "Researchers' Night" and supported orientation, outreach, and conference events;	2023 - Jan 2024
	AISF local committee President Rome, Italy <i>Department of Mathematics and Physics, Roma Tre University</i> <ul style="list-style-type: none">• Promotion through social channels of National/International events for committee members;• Collaboration with chairs of other committees to provide members with relevant events;• Conducting shared activities in order to organize events for local committee members;	2022 - 2023
	Tutoring activities for orientation-administrative support (100 hours) Rome, Italy <i>Department of Mathematics and Physics, Roma Tre University</i> <ul style="list-style-type: none">• Development of graphic materials to promote department events and conferences;• Provided student support during office hours and collaborated with administrative colleagues to enhance student services.• Participation in "World Logic Day" as a contributor in event management;	2022 - 2023

- PUBLICATIONS** 1. **Cristina Iacomino**, Antonello Pasini. Neural Network Downscaling to Obtain Local Precipitation Scenarios in the Italian Alps: A Case Study *Climate* **2024**, 12, 147.
- PRESENTATIONS (ORALS)** 1. **Cristina Iacomino**, Salvatore Pascale, Giuseppe Zappa, Marcello Iotti, Paolo Ghirassi, Federico Grazzini. *A classification of high-risk atmospheric circulation patterns for Italian precipitation extremes*. **Medclivar & SISC 2024**, Lecce, Italy. September 2024.
- WORKSHOPS, CONFERENCES & SCHOOLS**
- Medclivar & SISC 2024** | Lecce, Italy 24 - 27 Sep, 2024
- Oral presentation in the Second Session: "Precipitation: dynamics, observations and evolution"
- Workshop WPR2024** | Florence, Italy 19 Sep, 2024
- Attended the Workshop *Big Data, better forecast: l'intelligenza artificiale sostituirà i meteorologi?* organized by LaMMA, AISAM and ItaliaMeteo Agency which focused on data-driven numerical modeling applied to atmospheric forecasting.
- 3rd MedCyclones Workshop & Training School** | Rome, Italy 15-19 Jul, 2024
- Attended the Workshop and Training School organized by the COST Action CA19109, *MedCyclones - European Network for Mediterranean Cyclones in Weather and Climate*, hosted by **ESA-ESRIN** in Frascati, Rome.
- CMCC Webinar: Attribution of extreme events to climate change** | 21 Mar 2024
- Attended online.
- CISF 2023** | Palermo, Italy Apr 12 - 16, 2023
- Attended the *Italian conference for physics students* held by University of Palermo, Italy.
- TIQIT 2023** | Trento, Italy & Innsbruck, Austria Feb 27 - Mar 2, 2023
- Attended the conference and workshop *Trento-Innsbruck Quantum Information Tour* hosted by University of Trento & University of Innsbruck
- SIF 2022, Sezione Giovani** | Milan, Italy Sep 15, 2022
- Attended the workshop organized by the Italian Society of Physics and hosted by the Polytechnic University of Milan.
- SKILLS**
- Languages:** Italian (Native), English (C1), French (A2).
- Data Analysis:** Python 2.x/3.x, MATLAB, CDO (netCDF).
- Tools:** Linux process automation (Shell scripting), Wolfram Mathematica, MS Excel/Google Sheets.
- Documentation:** LaTeX.
- Systems:** Linux, Microsoft Windows.
- CERTIFICATIONS** **English - C1 Level:** Cambridge English School, Latina, Italy (2018).
- AWARDS AND HONORS**
- **Academic Scholarship**, Roma Tre University 2021.09
 - **Academic Scholarship**, Roma Tre University 2020.09
 - **Academic Scholarship**, Roma Tre University 2018.09
- CONTACTS**
- **Email:** cristina.iacomino@unibo.it
 - **LinkedIn:** <https://www.linkedin.com/in/cristinaiacomino/>
 - **Research Gate:** <https://www.researchgate.net/profile/Cristina-Iacomino>
 - **Website:** <https://www.unibo.it/sitoweb/cristina.iacomino/>

I hereby consent to the processing of the data I provided in this CV. I declare my agreement with the data protection regulations in the data privacy statement.

Rome, 9 October 2024.