

Curriculum Vitae of Orlando Elena

Current position: Associate Professor

University of Trieste

Department of Physics

Via Valerio 2, 34127, Trieste (Italy)

Email: eorlando@units.it

EDUCATION

2005-2008: PhD Technische Universitaet Muenchen (Germany). Dissertation Title: “Gamma rays from interactions of cosmic-ray electrons” Magna cum laude.

2005-2008: IMPRS student (International Max Planck Research School) at *Max-Planck-Institut fuer extraterrestrische Physik, MPE* (Germany). “Talented selected German and foreign junior scientists are offered the opportunity to earn a doctorate under excellent research conditions.” (admission rate <10%)

2006: Marie-Curie early stage Training Site fellow at MPE

2003-2004: Fellowship (Leonardo da Vinci European Programme) at *Institute fuer Informatik Julius-Maximilians-University* (Wuerzburg, Germany).

2004: Master Degree in Physics - *University of Trieste*, Department of Physics and Astrophysics (Italy) Dissertation Title: “Atmocube: analysis of a pico-satellite for the study of the Earth’s atmosphere.”

PUBLICATIONS

- Author of more than 410 publications (more than 270 peer-reviewed), more than 95,000 citations (Google Scholar), h factor = 122 (ADS NASA).
- She is among the 100,000 worldwide top scientists:
<https://data.mendeley.com/datasets/btchxktzyw/2>
- She is the 17th Top Italian Scientist 2025
https://www.topitalianscientists.org/TIS_HTML/Top_Italian_Scientists_Astrophysics.htm
- (In Italian: valutazione CVR ampiamente sopra lpm)