

CURRICULUM VITAE

Elena Ioli, Physics Professor

EDUCATION

- 1998-2002 Postgraduate specialisation II level University Master degree at ISAS, Trieste (International School of Advances Studies) in Science Communication
Top grade: 30 *cum laude*/30
- 2000 Post-graduate qualification as a teacher of Physics and Mathematics at upper school
- 1996-1997 Research assistant in Theoretical Physics at the Laboratoire de Physique Théorique et Mathématique at the University of Paris VII, Jussieu, Paris.
- 1996-1997 Doctoral programme degree at École Normale Supérieure, Paris in Physics.
Top grade: *mention très honorable*
- Scholarship from the University of Bologna for a post-graduate degree in Paris, where I've attended a D.E.A. of Theoretical Physics at the École Normale Supérieure, aimed to prepare for advanced doctoral studies.
- 1995-1996 Post-graduate one-year degree at the University of Bologna in Environmental Physics ("Analisi, identificazione e classificazione per lo smaltimento di residui urbani, speciali, tossici e nocivi").
- 1993 Master's degree in Theoretical Physics
Master's degree in Physics with honours at the University of Bologna
Top grade: 110 *cum laude*/110.
Subject of the thesis: Relativity - Gravitation - Theoretical Physics.

Title of the thesis: "Bidimensional Gravity Theories" .

1988 School - leaving certificate in scientific studies at the State high school Liceo Scientifico "A. Righi" of Cesena
Top mark: 60/60.

PROFESSIONAL EXPERIENCES

2018 Member of the Scientific Board of Museo dell'Ecologia, Cesena

2018 Selected member of the science and leadership australian expedition Homeward Bound to Antarctica (february and march)
(<https://homewardboundprojects.com.au/>)

2014-present Member of the scientific Editorial Board of the science magazine *Sapere*
(<http://www.saperescienza.it/>)

2001-present High school Physical Sciences Teacher, *Forlì and Rimini, ITALY*

2004-2005 Scholarship from the Centre National di livre, Ministère de la Culture et de la Communication, Paris, FRANCE. Translated, edited and published into italian (Dedalo Edizioni, *Bari, ITALY*) the physics lessons delivered by Nobel Prize Marie Curie in France in 1907.

2000 -present Author of Physics textbooks

I collaborate permanently with *Zanichelli (Bologna, ITALY)* an italian educational publishing company as joint author with Professor Ugo Amaldi of physics textbooks for high school students.

1995 -present Science editor

I collaborate permanently with *Dedalo Edizioni (Bari, ITALY)* an italian publishing house as science editor .

1997 Lecturer in Italian at E.S.I.T (Ecole Supérieure Interprètes et Traducteurs) in Paris.

1994-2005 Translator from English and French to Italian of scientific books also with charges of scientific editing for several Italian publishing houses (Dedalo Edizioni, Instar Libri, Le Monnier).

RECENT PUBLICATIONS AND LECTURES

Books

- Ioli, "Antartide - Come cambia il clima", Dedalo, Bari 2020

- Ioli, "Nero come un buco nero", Dedalo, Bari 2013

http://www.edizionidedalo.it/site/collane-scheda-libro.php?products_id=3236
translated into French by Le Pommier and into English by World Scientific Press

-AA.VV, "Tutti i numeri sono uguali a cinque", Springer, Milano 2007

<http://www.springer.com/education+%26+language/linguistics/book/978-88-470-0711-6>

- Gouthier-Ioli, "Le parole di Einstein", Dedalo, Bari 2006

http://www.edizionidedalo.it/site/collane-scheda-libro.php?products_id=1825

Lectures and achievements

2018-2021 Talks as invited guest about my scientific and leadership experience in Antarctica (University, High school, National television broadcast, Italian and Australian Radio and Podcasts for educational purposes)

19th April 2013 - "The role of metaphors in science", Puerilia, Societas Raffaello Sanzio, Teatro Comandini Cesena, ITALY
(<http://www.societas.es/p/puerilia-2013/?id=2>)

4th July 2012, Dialogue between a quantum physicist and an ancient philosopher "The misteries of the being and the limits of language", Rimini, ITALY
(http://www.bibliotecagambalunga.it/primo_piano/pagina138.html)

FOREIGN LANGUAGES AND SUBSIDIARY EDUCATION

Languages

Software

Italian: native language

English: advanced (professional working proficiency)

French: advanced DELF certificate (professional working proficiency)

Spanish: beginner

Office

Adobe Premiere (video)

Audacity (audio)

LaTeX typesetting