

CURRICULUM VITAE

Updated to: November 30th, 2016

Education and training:

- 2013: **Post-graduate 2nd level Master.**
- 2008: **Ph.D. in Astronomy.**
- 2004 : **Graduate in Astronomy (106/110)**
- 1992 – 1997 : Scientific High School.

Work experience (as postdoc researcher)

- 2015 – 2016: Postdoctoral researcher at the Department of Aerospace Engineering, University of Roma “La Sapienza”.
- 2013 – 2015: Postdoctoral researcher at the Department of Mathematics, University of Pisa.
- 2011 – 2012: Postdoctoral researcher at the Department of Physics, University of Rome “Tor Vergata”.
- 2009 – 2011: Postdoctoral researcher at the Department of Physics, University of Trento.
- 2008 – 2009: Postdoctoral researcher at the Department of Physics, University of Padova.
- 2008: Fellow at the Institute of Atmospheric Sciences and Climate (ISAC) of the Italian National Research Council (CNR) of Padova.

Teaching experiences

2010: Graduate Teaching Assistant at the Faculty of Engineering (Laurea triennale civile e ambientale) of Trento. Course: General Physics 1.

2008 – 2009: Teaching Fellow in Calculus (Analisi Matematica 1) at the Faculty of Agriculture Sciences (Laurea triennale in riassetto del territorio e tutela del paesaggio) of Padova.

2007: Graduate Teaching Assistant. Course: General Physics 1 at the Faculty of Agriculture Sciences (Laurea triennale in biotecnologie agrarie) of Padova.

Other skills and competences

Lagrangian mechanics, celestial mechanics (perturbation theory, orbit determination).
Data analysis: nonlinear least squares, signal extraction from time series data, frequency-domain analysis.

Very good knowledge in computer programming languages Fortran 77/90. Good knowledge in MATLAB. Excellent knowledge in *Mathematica* software.

Languages

Italian (native speaker), English, French.

Summary of scientific achievements

Publications: **26** scientific articles and **8** proceedings of symposia.

Hirsch (H) index **10**