

Dario Santi Cortese

Curriculum Vitae et Studiorum

Personal Data

Place and date of birth: Milan, Italy; 2 April 1989

Nationality: Italian

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Education

September 2011 — Present - Erasmus Student at École normale supérieure de Lyon, Master 2 in Physics;
Courses: Dynamical Systems, Geophysics: Mantle and Core dynamics, Nonlinear Physics and Instabilities, Hydrodynamics and turbulence.

December 2010 — Present - Candidate for Master Degree in Physics, Sapienza - Università di Roma;
Major academic courses highlights: Riemmanian Geometry, Condensed Matter, Relativistic Quantum Mechanics, Fluid Dynamics, Advanced Analytical Mechanics.
Advisor: Prof. Angelo Vulpiani¹.

November 2010 - Bachelor Degree in Physics, 110/110 cum laude, Sapienza - Università di Roma;
Thesis title: I paradossi del modello cosmologico standard e il modello Inflazionario².
Advisor: Prof. Giovanni Montani³.

Occupation

January 2011 — September 2011- Collaboration Grant at the Physics Department, Physics Library⁴, Sapienza - Università di Roma.

Language skills

- *Italian:* Native Speaker
- *English:* Good speaking and writing (B2)
- *French:* Good speaking and writing (B2)
- *Spanish:* Well understanding and moderate speaking (A2)

Computer skills

Operating Systems: Advanced knowledge and experience of Windows, Linux and MAC OS

Software: Good knowledge of all kinds of Video editing most common software (Final Cut, Power Director, Avid, Adobe Premiere,...)

Data Analysis Software: Basics knowledge of Origin software

Programming languages: Basic knowledge of C and Pascal

¹ *web site:* <http://tnt.phys.uniroma1.it/twiki/bin/view/TNTgroup/AngeloVulpiani>

² *web site:* <http://dl.dropbox.com/u/8281720/Inflation.pdf>

³ *web site:* <http://www.icra.it/People/Montani.htm>

⁴ *web site:* <http://minosse.phys.uniroma1.it/web/home.html>

Main Scientific interests

Physical and Mathematical Fluid Mechanics: Turbulent flows, wave in fluids, hydrodynamical stability;
Nonlinear Dynamics, Chaos and Complexity in Dynamical Systems;
Theoretical and experimental Geophysical Fluid Dynamics.

Personal interests & hobbies

Reading books, listening music and watching movies.
Nature, animals, travels, meeting and interacting with new people.
Playing guitar, piano and all kind of musical instruments.
Practicing sport, especially soccer, tennis and high mountain excursions.
Realizing amateur movies and short films.