

## Curriculum Vitae

### Personal Information

Name	<b>Marina</b>
Family Name	<b>Galvagni</b>
E-mail	galva@physik.uzh.ch
Nationality	Italian
Date of Birth (gg/mm/aa)	12/10/1985
Gender	Female

### Working Experience

Dates (from - to)	January 2010 - today
Occupation	University assistant
Employer	University of Zürich Winterthurerstrasse 190 CH-8057 Switzerland
Type of business or sector	Teaching - (Physics class)

Dates (from - to)	July 2002 / July 2003 / September 2003 - July 2004
Occupation	Volunteer
Employer	Municipality of Castenedolo (Bs)
Type of business or sector	Volunteer with children (6 - 12 years old)

Dates (from - to)	June 2001 - September 2001
Occupation	Waitress
Employer	Pizzeria Apollo XI piazza Apollo XI, Tignale (Bs)
Type of business or sector	Catering

### Education and training

Dates (from -to)	January 2010 - today
Position	Phd student
Employer	University of Zürich Winterthurerstrasse 190 CH-8057 Switzerland
Type of business or sector	Research in theoretical physics: study of the formation of gas giant planets focusing on the effects of hydrogen dissociation, both with simulations and theoretical modelling.

Dates (from -to)	October 2007 - October 2009
Title of qualification	Master degree in Physics; curriculum in theoretical physics. 110 / 110 cum laude
Principal subjects covered	The course is focused on theoretical physics, especially particle physics and quantum computation. Attention has been paid also to numerical physics and to the study of several programming languages. Thesis's title: "The loss of angular momentum in the galaxy formation: a numerical approach" (Thesis in Italian). Supervisors: P. Monaco, S. Borgani
Name and type of organization providing education and training	University of Trieste

Dates (from -to)	September 2004 - September 2007
Title of qualification	Bachelor degree in Physics. 110/110 cum laude
Principal subjects covered	The course covers physics from newtonian mechanics to quantum mechanics and general relativity. The study was focused in acquiring the mathematical tools needed for a rigorous analysis of scientific topics. Thesis's title: "The anisotropies in the cosmic microwaves background and their relationship with cosmological parameters" (Thesis in Italian). Supervisors: D. Binosi, G. Nardelli
Name and type of organization providing education and training	Universita' Cattolica del Sacro Cuore

Dates (from - to)	September 1999 - June 2004
Title of qualification	Scientific Diploma
Name and type of organization providing education and training	Liceo scientifico N. Copernico, Viale Duca degli Abruzzi (Bs) - High School

### Awards

2003: First prize in the mathematical competition for high school students. Association Mathesis, sezione di Brescia (Societa' Italiana di Scienze Matematiche e Fische, Via Vivaldi, 43 - 81100 Caserta)

2005: Scholarship for the scholastic career given by the Rotary Club association, sezione di Brescia (via Castellini 2/A - 25123 Brescia)

2006: Scholarship as the second best student in the scientific area, given by the Catholic University of Sacred Heart

### Personal skills

<b>Languages skills:</b>	
Mother tongue	Italian
First foreigner language Level	English Fluent
Second foreigner language Level	German Beginner

Third foreigner language  
Level

French  
Scholastic

Computational skills:  
Known languages

C  
Fortran  
python  
R  
maple  
experience in UNIX and Windows environments

Personal interests:

Sport (basket, karate)  
Reading (science fiction)  
Travelling