

Stefano Goria

Address Via S.Giulia 5, 10124, Torino, Italy
Phone +44(0)7580 061638, +39 349 7043580
E-mail stefano@gorianet.it
Date and place of birth 3rd March, 1983, Moncalieri, Italy

PhD in theoretical physics seeking new challenges in **quantitative finance**. Research experience in a cutting edge subject of particle physics: the Higgs boson search at **LHC (CERN)**. Strong **mathematical** and **computer** background and ability to apply it to find original solutions to new and highly complex problems. Substantial exposure to numerical methods (Fortran, C++), proficiency in computer algebra systems (Mathematica) and passionate about mobile (Java-Android) and internet technology . Good communication skills, ease in interpersonal relationships and team work; ability to autonomously initiate and drive projects to completion.

EDUCATIONAL BACKGROUND

- April 2012 **PhD** in Physics and Astrophysics at *Università degli Studi di Torino* “*Algebraic and numerical tools for Higgs physics*”. Three-year **scholarship** awarded by examination.
- July 2008 **MSc** in Fundamental Interaction Physics, “Feynman Integrals and differential equations” Grade: **110/110 cum laude, Honoric Mention**, *Università degli Studi di Torino*
- July 2006 **Bachelor** in Physics, “Path integral discretization in Quantum Mechanics”, Grade : **110/110**, *Università degli Studi di Torino*

PUBLICATIONS

- 2012 S. Dittmaier et al., “Handbook of LHC Higgs Cross Sections: 2. Differential Distributions.”, <http://arxiv.org/abs/1201.3084>
- 2011 S. Goria, G. Passarino, D. Rosco, “The Higgs Boson Lineshape”, <http://arxiv.org/abs/1112.5517>
- 2008 S. Goria, G. Passarino, “Anomalous Threshold as the Pivot of Feynman Amplitudes”, <http://arxiv.org/abs/0807.0698>

TEACHING AND WORKING EXPERIENCE

- July-August 2012 Physics summer course at “Liceo Scientifico G. Peano”, Cuneo
- 2005-2008 Student assistant in “Laboratorio 1 e 2”, Physics course, *Università degli Studi di Torino*
- 2006 Guide at the scientific exhibition “*Semplice e Complesso*”, *Museo dell'automobile di Torino*

LANGUAGE KNOWLEDGE

Italian	native
English	excellent understanding and fluent spoken and written
French	good understanding and basic spoken and written

COMPUTER KNOWLEDGE

Software and O.S.	Windows, Linux, Android - advanced user level Microsoft Office, Suite Adobe - good level
Programming languages	C++, Fortran, Java, Perl, php, xml, html - good level
Computer Algebra Systems	Mathematica, FORM - excellent level

HOBBIES AND SPORTS

Avid reader, preferring short stories with interests ranging from Argentinean literature to economics essays. Online bookshelf: www.anobii.com/papiani. Passionate mountain walker enjoying a variety of activities, from snowshoeing to summer trekking. Outdoor and indoor sport climber.