

Roberto Gobbetti

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Center for Cosmology and Particle Physics	roberto.gobbetti@nyu.edu
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Education

New York University Ph.D. Thesis title: <i>Dealing with a Landscape: Signatures of False Vacuum Eternal Inflation and how to end it</i> Advisor: Prof. Matthew Kleban	May 2014
Institute for Advanced Studies of Pavia (I.U.S.S.) Diploma in Physics Thesis title: <i>Virasoro Algebra and Quantum Field Theory</i>	April 2009
Università Degli Studi di Pavia M.Sc. in Physics - Theoretical Physics course Thesis title: <i>Black Holes Physics and Anomalies</i> <i>110/110 Cum Laude</i>	October 2008
Università Degli Studi di Pavia B.Sc. in Physics Thesis title: <i>The Aharonov-Bohm Effect</i> <i>110/110 Cum Laude</i>	December 2006
Scientific High School T. Taramelli in Pavia High School Diploma <i>100/100</i>	July 2003

Fellowships and Academic Distinctions

New York University - Center for Cosmology and Particle Physics James Arthur Graduate Award	2012-2013
New York University MacCracken fellowship	2009-2013
Yukawa Institute for Theoretical Physics (YITP), Kyoto Visiting student (Supervisor: Prof. Takahiro Tanaka)	July-August 2012

International School for Advanced Studies (S.I.S.S.A.), Trieste M.Sc. student fellowship	2008
Institute for Advanced Studies of Pavia (I.U.S.S.) Honors Fellow	2003-2008
Almo Collegio Borromeo, Pavia Honors Fellow	2003-2008

Invited Seminars and Workshops

New York University - Abu Dhabi <i>“Unwinding Inflation”</i> (Speaker at High Energy Seminar, NYU-AD)	November 2013
ISCAP - Columbia University, New York <i>“Large-scale Anomalies from Primordial Dissipation”</i> (Speaker at High Energy Seminar, ISCAP)	October 2013
Ludwig-Maximilians University (LMU), Munich <i>“Unwinding Inflation”</i> (Speaker at High Energy Seminar, LMU)	June 2013
International Center for Theoretical Physics (ICTP), Trieste <i>“Unwinding Inflation”</i> (Speaker at Cosmology Seminar, ICTP)	May 2013
Yukawa Institute for Theoretical Physics (YITP), Kyoto <i>“Cosmic Bubble Collision”</i> (Speaker at Astrophysics Seminar, YITP)	July 2012
East Coast Gravity Meeting 2012, Syracuse University <i>“Cosmic Bubble Collision”</i> (Speaker and Participant to the Workshop, April 20-22)	April 2012
Black Holes in General Relativity and String Theory Velj Losinj, Coratia (Participant in the Workshop, August 24-30)	August 2008

Work Experience

New York University

Research Assistant

2012-current

New York University

Faculty Adjunct

2009-2012

Università degli Studi di Pavia

Teacher adjunct for the course of “General Physics” at the Department of Natural Sciences

2007-2008

Personal Skills

Languages

Italian - Native

English - Fluent

Spanish - Basic

Technical Skills

Programming - Proficient in Mathematica and L^AT_EX

Experienced in Python, C, MatLab, html/CSS/JavaScript

Operating Systems - Comfortable with Linux, Mac Os or Windows

Publications

1. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *D-Brane Scattering and String Production* - in progress.
2. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Large-Scale Anomalies from Primordial Dissipation*, **JCAP 11 (2013) 013**, Jun 2013.
3. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Unwinding Inflation*, **JCAP 1303 (2013) 004**, Nov 2012.
4. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Inflation from Flux Cascades*, **Phys.Lett. B725 (2013) 218-222** , Nov 2012.
5. R. Gobbetti, M. Kleban, *Analyzing Cosmic Bubble Collisions*, **JCAP 1205 (2012) 025**, Jan 2012.