

## Roberto Gobbetti

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New York University  
Center for Cosmology and Particle Physics  
Washington Pl. 3  
New York, NY, 10003  
USA

Phone: (+1) 646-281-3987  
[roberto.gobbetti@nyu.edu](mailto:roberto.gobbetti@nyu.edu)

## Education

**New York University**  
Ph.D. candidate 2014 (expected)  
Advisor: Prof. Matthew Kleban

**Institute for Advanced Studies of Pavia (I.U.S.S.)**  
Diploma in Physics April 2009  
Thesis title: *Virasoro Algebra and Quantum Field Theory*

**Università Degli Studi di Pavia**  
M.Sc. in Physics - Theoretical Physics course October 2008  
Thesis title: *Black Holes Physics and Anomalies*  
*110/110 Cum Laude*

**Università Degli Studi di Pavia**  
B.Sc. in Physics December 2006  
Thesis title: *The Aharonov-Bohm Effect*  
*110/110 Cum Laude*

**Scientific High School T. Taramelli in Pavia**  
High School Diploma July 2003  
*100/100*

## 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 July-August 2012  
(Supervisor: Prof. Takahiro Tanaka)

<b>Ludwig-Maximilians University (LMU), Munich</b> Visiting student (Supervisor: Prof. Gia Dvali)	July 2011
<b>International School for Advanced Studies (S.I.S.S.A.), Trieste</b> M.Sc. student fellowship	2008
<b>Institute for Advanced Studies of Pavia (I.U.S.S.)</b> Honors Fellow	2003-2008
<b>Almo Collegio Borromeo, Pavia</b> Honors Fellow	2003-2008

#### Invited Seminars and Workshops

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

## Teaching Experience

### 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 Languages** - Mathematica, L<sup>A</sup>T<sub>E</sub>X: very good knowledge  
Python, C, C++, MatLab, html, CSS: working knowledge

**Operating Systems** - Linux, Mac, Windows

## Publications

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