

Roberto Gobbetti

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Current Position

Delta Institute for Theoretical Physics - ITF Utrecht

Postdoctoral Researcher

September 2014 - current

Past

New York University

Research Assistant

September 2012 - August 2014

Education

New York University

Ph.D.

May 2014

Thesis title: *Dealing with a Landscape:*

Signatures of False Vacuum Eternal Inflation and how to end it

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 (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

Cornell University, Ithaca <i>"Brane Scattering and Unwinding Inflation"</i> (Speaker at Particle Physics Seminar, Cornell)	February 2015
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

“Cosmic Bubble Collision”

April 2012

(Speaker and Participant to the Workshop, April 20-22)

Teaching Experience

New York University

Faculty Adjunct

September 2009 - August 2012

Università degli Studi di Pavia

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

September 2007 - February 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. R. Gobbetti, E. Pajer, D. Roest, *On the Three Primordial Numbers*, **JCAP 1509 (2015) 09, 058**, May 2015.
2. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *D-Brane Scattering and String Production*, **JHEP 1501 (2015) 050**, Aug 2014.
3. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Large-Scale Anomalies from Primordial Dissipation*, **JCAP 11 (2013) 013**, Jun 2013.
4. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Unwinding Inflation*, **JCAP 1303 (2013) 004**, Nov 2012.
5. G. D’Amico, R. Gobbetti, M. Kleban, M. Schillo, *Inflation from Flux Cascades*, **Phys.Lett. B725 (2013) 218-222**, Nov 2012.
6. R. Gobbetti, M. Kleban, *Analyzing Cosmic Bubble Collisions*, **JCAP 1205 (2012) 025**, Jan 2012.