

SPEAKERS

A. AMARITI

INFN-Milano

C. ANGELANTONJ

Università di Torino

F. APRUZZI

Università degli Studi di Padova

I. BASILE

Ludwig-Maximilians Universität, Munich, Germany

M. BIANCHI

Università di Roma "Tor Vergata"

R. BLUMENHAGEN

Max Planck Institute, Munich, Germany

E. DUDAS

Ecole Polytechnique, Paris, France

F. FARAKOS

Università degli Studi di Padova

D. FIORAVANTI

INFN-Bologna

A. FONT

Universidad Caracas, Venezuela

S. GIRI

Università degli Studi di Milano Bicocca

A. GNECCHI

INFN-Padova

C. HEISSENBERG

Uuni. Uppsala, Sweden

G. LEONE

Università di Torino

J. MOURAD

APC - U. Paris Cité, France

A. PASTERNAK

INFN-Milano

M. PORRATI

New-York U, USA [ZOOM]

S. RAUCCI

Scuola Normale Superiore

A. SAGNOTTI

Scuola Normale Superiore

S. SETHI

U. Chicago, USA [ZOOM]

A. TOMASIELLO

Università degli Studi di Milano Bicocca



**25-27 MAY
2023**

Sala Stemmi
Palazzo della Carovana
Scuola Normale Superiore
Piazza dei Cavalieri, 7 - Pisa

PI

A. SAGNOTTI

Scuola Normale Superiore

SENIOR MEMBERS

A. AMARITI

INFN-Milano

C. ANGELANTONJ

Università di Torino

G. DALLAGATA

Università degli Studi di Padova

D. FIORAVANTI

INFN-Bologna

A. TOMASIELLO

Università degli Studi di Milano Bicocca

A. ZAFFARONI

Università degli Studi di Milano Bicocca

LOCAL ORGANIZING COMMITTEE

E. GUIDI

S. RAUCCI

A. SAGNOTTI

INFO

eventiculturali@sns.it

SUPERSYMMETRY BREAKING WITH FIELDS STRINGS AND BRANES

Final Meeting of the PRIN 2017 - 2017CC72MK

Bando MIUR PRIN2017 - titolo progetto " Supersymmetry Breaking with Fields, Strings and Branes."
codice MIUR Cod. 2017CC72MK_001

Link Zoom



MAY 25

Chair: **ALBERTO ZAFFARONI**

9:30 Introduction

9:45 **MASSIMO BIANCHI**
Black Hole and Fuzzball Perturbations from quantum Seiberg-Witten curves (Review)

10:30 **ALESSANDRA GNECCHI**
Swampland constraints and black hole entropy in N=2 supergravity

11:00 Break

11:30 **SUVENDU GIRI**
Black hole mimickers from string theory [Zoom]

12:00 **FABIO APRUZZI**
Aspects of categorical symmetries from branes

16:00 **ANTOINE PASTERNAK**
Dynamical supersymmetry breaking in string theory

16:30 **FOTIS FARAKOS**
Goldstino Condensation

17:00 Break

17:30 **MASSIMO PORRATI**
Supergravity Models of Inflation with New Fayet-Iliopoulos Terms [Zoom]

18:00 **IVANO BASILE**
Global anomalies in string theory with broken supersymmetry

MAY 26

Chair: **GIANFRANCO PRADISI**

9:30 **ALESSANDRO TOMASIELLO**
String compactifications (Review)

10:15 **ANTONIO AMARITI**
Updates on 3d N=2 dualities

10:45 Break

11:15 **GIORGIO LEONE**
Misaligned supersymmetry in string vacua

SALVATORE RAUCCI
Fake supersymmetry with tadpole potentials

12:00 **DAVIDE FIORAVANTI**
A new perspective on integrability and (susy) gauge theories

15:30 **EMILIAN DUDAS**
Variations on brane supersymmetry breaking, I

16:00 **CARLO ANGELANTONJ**
Variations on brane supersymmetry breaking, II

16:30 Break

17:00 **SAVDEEP SETHI**
Saddles and Non-supersymmetric Strings [Zoom]

17:30 **RALPH BLUMENHAGEN**
Dynamical Cobordism and the End of the World

19:00 Departure for Conference Dinner (from the parking at Via Paparelli)

MAY 27

Chair: **GIANGUIDO DALL'AGATA**

9:30 **CARLO HEISSENBERG**
The gravity eikonal, black-hole encounters and gravitational waves (Review)

10:15 **ANAMARIA FONT**
Variations on non-supersymmetric strings

10:45 Break

11:15 **AUGUSTO SAGNOTTI**
Lessons from Dudas-Mourad vacua and some generalizations

11:45 **JIHAD MOURAD**
Boundary conditions and stability in non-supersymmetric strings

12:15 Conclusion