

# The Legacy of Supergravity

Università di Roma "Tor Vergata"  
Villa Mondragone, June 6-8 2005

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## Program

### Monday, June 6

09:00 - 10:00 **Registration**

10:00 - 10:30 **Opening Remarks by M. Bianchi, F. Palumbo and A. Sagnotti**

#### Morning Session (Chairman: S. Bellucci)

10:30-11:15 D.Z. Freedman Anomalies and flux vacua

11:15-11:45 **Coffee Break**

11:45-12:30 M. Gunaydin 5D Supergravity, its gauging and AdS/CFT dualities

12:30-13:15 A. van Proeyen Applied geometry from Supergravity

13:15-14:15 **Lunch Break**

#### Afternoon Session (Chairman: L. Cornalba)

14:15-15:00 L. Girardello Supergravity, supersymmetry breaking and all that

15:00-15:45 J. Louis Generalized Geometries and N=2 Supergravity

15:45-16:30 P. Fré Cosmological billiards and algebraic structures

16:30-17:00 **Coffee Break**

17:00-17:45 P. Di Vecchia Gauge theories from D branes

17:45-18:30 K.S. Stelle Stability of braneworlds

### Tuesday, June 7

#### Morning Session (Chairman: F. Fucito)

09:00-09:45 R. Barbieri Supergravity and the MSSM, more than 20 years later

09:45-10:30 J.P. Derendinger On the effective Supergravity of strings, orbifolds, branes...

10:30-11:15 C. Savoy Flavour and Supergravity

11:15-11:45 **Coffee Break**

11:45-12:30 C. Kounnas Geometrical fluxes and Scherk-Schwarz deformations

12:30-13:15 F. Zwirner N=1 effective Supergravity for type-IIA flux compactifications

13:15-14:15 **Lunch Break**

#### Afternoon Session (Chairman: G. Pradisi)

14:15-15:00 L. Castellani D=11 Supergravity: old and new facts

15:00-15:45	R. D'Auria	Antisymmetric tensors and free differential algebras
15:45-16:30	M.A. Vasiliev	From Supergravity to Higher Spins
16:30-17:00	<b>Coffee Break</b>	
17:00-17:45	E. Sokatchev	Conformal supersymmetry and Quantum Field Theory
17:45-18:30	D. Lust	T- duality and the effective Supergravity for strings and branes

## Wednesday, June 8

### Morning Session (Chairman: Ya.S. Stanev)

09:00-09:45	I. Antoniadis	Supersymmetry breaking with branes and magnetic fluxes
09:45-10:30	B. Julia	The power of dualities
10:30-11:15	M. Porrati	Limits on massless particles revisited
11:15-11:45	<b>Coffee Break</b>	
11:45-12:30	D.V. Nanopoulos	No-scale Supergravity
12:30-13:15	P. van Nieuwenhuizen	Quantization methods in Supergravity and String Theory

13:15–13:25 **Closing Remarks by G.C. Rossi**

13:25-15:00 **Lunch Break**

15:30-17:00



20:00

**Banquet**