

## School and Workshop on Fields and Strings:

### Theory-Cosmology-Phenomenology

**Corfu 5-12 September 2010**

	<b>Monday 6<sup>th</sup></b>	<b>Tuesday 7<sup>th</sup></b>	<b>Wednesday 8<sup>th</sup></b>	<b>Thursday 9<sup>th</sup></b>	<b>Friday 10<sup>th</sup></b>	<b>Saturday 11<sup>th</sup></b>	<b>Sunday 12<sup>th</sup></b>
<b>9:00-10:00</b>	NILLES	NILLES	NILLES	VAN PROEYEN	VAN PROEYEN	SOKATCHE V	BACHAS
<b>10:00-11:00</b>	MUKHANOV	NILLES	NILLES	DALL'AGAT A	VAN PROEYEN	SOKATCHE V	NIELSEN
	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee	Coffee
<b>11:30-12:30</b>	MUKHANOV	MUKHANOV	HENNEAUX	DALL'AGAT A	VAN PROEYEN	BACHAS	KOUNNAS
<b>12:30-13:30</b>	MUKHANOV	MUKHANOV	HENNEAUX	DALL'AGAT A	VAN PROEYEN	BACHAS	Departure
	Lunch Break	Lunch Break	Lunch Break	Excursion	Lunch Break	Lunch Break	
<b>17:00-17:40</b>	LEONTARIS	GOODSELL	DOLAN		FARAGGI	PARTOUCHE	
<b>17:40-18:20</b>	KEHAGIAS	DUDAS	DOLAN		SCHLOTTERER	FLORATOS	
<b>18:20-19:00</b>	BENAKLI	RIZOS	SFETSOS		FLORAKIS	SAVVIDY	
	Break	Break	Break		Break	Break	
<b>19:15-20:30</b>	Discussion Session	Discussion Session	Discussion Session		Discussion Session	Discussion Session	

### **School speakers:**

**Bachas, C.:** “String theory at low-energies”

**Dolan, B.:** “Duality in Seiberg-Witten/QHE”

**Dall’Agata, G.:** “An introduction to string theory”

**Henneaux, M.:** “Asymptotic properties of three-dimensional gravity”

**Mukhanov, V.:** “Trends in modern cosmology”

**Nilles, H.-P.:** “From the MSSM via GUTs to strings”

**Sokatchev, E.:** “Scattering amplitudes and Wilson loops in supersymmetric gauge theories”

**Van Proeyen, A.:** “Supergravity”

### **Workshop speakers:**

**Benakli, K.:** “Dirac gauginos”

**Dudas, E.:** “On climbing scalars in string theory”

**Faraggi, A.:** “On the equivalence of string vacua”

**Florakis, I.:** “Deformations of vacua with massive boson-fermion degeneracy”

**Floratos, E.:** “Matrix quantization of turbulence”

**Goodsell, M.:** “Hidden U(1)s in string compactifications”

**Nielsen, H.:** “Personal (sad?) view on new physics etc”

**Kehagias, A.:** “New Higgs inflation”

**Leontaris, G.:** “Fermion mass textures in F-theory”

**Partouche, H.:** “Early cosmology from string theory”

**Rizos, J.:** “Towards Classification of SO(10) heterotic string vacua”

**Savvidy, G.:** “Extension of the Poincare group and non-Abelian tensor gauge fields”

**Schlotterer, O.:** “Hunting strings at the LHC”

**Sfetsos, K.:** “High-spin limits and non-Abelian T-duality”

**Concluding lecture “Perspectives in the field” by C. Kounnas - Sunday 12<sup>th</sup> 12:30**