

FloratosFest2014

New Horizons in Particles, Strings & Membranes

Workshop Program

09:30 **Welcome Address**
Prof. A.C. Calokerinos, Vice Rector (UoA)
Prof. G. Tombras, Chairman, Faculty of Physics (UoA)

Chair: J. Iliopoulos (LPTENS)

09:45 – 10:45 **Opening remarks**
Prof. G. Sifakis (Gov. Board, UoC)
Dr. C. Housiadas (President, Greek Atomic Energy Commission)
Prof. E. Fragoulis (UoA)
Prof. Emm. Tsesmelis (CERN)
Dr S. Harissopoulos (INPP-Demokritos)
Prof. Emr. & Academician C. Zerefos (Academy of Athens & ESET)

10:45 – 11:15 **Coffee Break**

Chair: J-P. Derendinger (Albert Einstein Institute Bern Univ.)

11:15 – 11:40 J. Iliopoulos (LPTENS)
Gauge theories and non-commutative geometry

11:40 – 12:05 J. R. Ellis (King's College & CERN)
A personal tribute to Manolis: a polymathematical physicist

12:05 – 12:30 A. de Rujula (CERN)
Early days of QCD, Manolis and the gluon

12:30 – 12:55 E. de Rafael (Marseilles, CPT)
Moment analysis of hadronic vacuum polarization. Proposal for a lattice QCD evaluation of the muon $g-2$

13:00 – 14:30 **Lunch Break**

Chair: I. Bakas (NTUA)

14:30 – 14:55 P. K. Townsend (DAMTP Cambridge)
Minimal Massive Gravity: the third way

14:55 – 15:20 B. Julia (LPTENS)
Double Magic

15:20 – 15:45 L. Baulieu (LPTHE)
Ghost and shadows, and finiteness questions in supersymmetry

15:45 – 16:10 S. Narison (U. Montpellier 2, LUPM)
QCD spectral sum rules for hadrons

16:10 – 16:40 **Coffee Break**

Chair: N. Tetradis (UoA)

16:40 – 17:05 I. Antoniadis (AEC - Bern U. & École Polytechnique)
New horizons with non-linear supersymmetry

17:05 – 17:30 J. Hoppe (KTH Stockholm)
Bäcklund transformations for membranes

17:30 – 17:55 C. Kounnas (LPTENS)
 R^2 inflation from scale invariant supergravity and anomaly free superstrings with fluxes

17:55 – 18:20 S. Dimopoulos (SITP, Stanford)
Big answers from small experiments

END OF WORKSHOP