

Preface

First International Conference on New Frontiers in Physics 2012

The conference series "New Frontiers in Physics" aims to promote scientific exchange and development of novel ideas in science with a particular emphasis on interdisciplinarity. The main topics of the conference are the following :

High energy particle physics

Heavy ion physics and critical phenomena

Quantum optics and quantum entanglement

Cosmology, astrophysics, gravity, mathematical physics

The 1st International Conference on new Frontiers in Physics attracted 140 participants. We thank all participants of the conference as well as the International Advisory Committee, the sponsors of the conference in particular CERN, the University of Oslo and the Research Council of Norway, and the Orthodox Academy of Crete in particular Konstantinos Kenanidis and Emanuela Larentzaki for their help and support.

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Editors