

Preface

3rd International Conference on New Frontiers in Physics 2014

The conference series "New Frontiers in Physics" aims to promote scientific exchange and development of novel ideas in science with particular emphasis on interdisciplinarity. The main topics of the conference are high energy particle and nuclear physics, heavy ion physics, quantum optics and quantum entanglement, cosmology, astrophysics, gravity, mathematical physics.

The 3rd International Conference on New Frontiers in Physics (ICNFP 2014) attracted about 260 participants compared to 150 in 2012. At the opening of the Conference Dr Konstantinos Zormpas, the General Director of the Academy, welcomed the participants. During the conference 10 lectures, 86 plenary and 121 parallel talks as well as 15 posters were presented. It was preceded by a Workshop on FAIR with 27 talks and 3 lectures. Altogether during ICNFP 2014 there were given 252 presentations. A special session devoted to the 60th anniversary of CERN was arranged on the 6th August. In addition there were two public lectures on "The Higgs, the vacuum and nothingness" by A. de Rujula and on "Echo from the beginning of the Universe" by D. Nanopoulos, Experiments for everyone "Science hoists sails" by Marge Bardeen and Christina Kourkoumeli, an Opera Gala (Kalliopi Petrou (soprano), Alessia Toffanin (piano), Andrea Dainese (flute)), a Concert at the open stone amphitheatre in Nopigeia as well as excursions and conference dinner with Cretean Folk Music. The "History of Crete" was presented by Emanuela Larentzakis as an after dinner talk.

We would like to thank all the conference participants as well as the members of the International Advisory Committee, the Local Organizing Committee, the organizing institutes and sponsors, the staff of the hotel Avra and the Chania Sailing Club for the organization of public events, and especially the hosting Orthodox Academy of Crete for the extremely warm atmosphere of the conference.

We would also like to thank Anna Sorina from Dubna for photos in Preface, Vladimir Kovalenko from Saint-Petersburg State University and the staff of "European Physical Journal Web of Conferences" for their help with publishing the proceedings.

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Editors





