

Preface

The Department of Atomic Energy Symposium on Nuclear Physics has been held since last fifty-seven years. It has provided a platform for scientific discussions at a nation-wide level, thereby setting a tradition in research on Nuclear Physics and related areas. The present edition will be hosted in the historical capital by the Department of Physics and Astrophysics, University of Delhi during December 3 to 7, 2012. We are expecting nearly four hundred participants, including one hundred and fifty students. The Symposium is consisting of 29 invited plenary talks and seminars, 389 contributed papers, and 18 thesis presentations. The Proceedings contains the original results which will be announced at the Symposium.

The topics of the Invited plenary talks (40 minutes duration) were selected by making a survey of the spotlighted contributions in recent times. In addition, there will be Invited seminars (20 minutes duration). For the orientation of the students, there will be an Orientation Course on December 2, 2012. This is divided into two parallel sessions on low- and high-energy nuclear physics. We are grateful to Prof. Martin Freer, Dr Jan-e Alam, and Prof. Rajeev Bhalerao for agreeing to deliver pedagogical talks for the Orientation Course. We are especially indebted to Prof. R. P. Tandon, Head, Department of Physics and Astrophysics, University of Delhi for supporting an important part of the Orientation Course, in addition to a lot of help and guidance at all stages.

We are grateful to the Board of Research in Nuclear Sciences for providing the financial support for conducting the Symposium. The Local Organizing Committee, led by Dr Samit K. Mandal has been a pleasure to work with. All the members of the Committee have put in an enormous effort to surmount the challenges faced by us. The fruitful suggestions provided by the members of the National Organizing Committee and the Advisory Committee are duly acknowledged. Finally, Prof. Asoke N. Mitra, one of the eminent theoretical physicists, and, a leading luminary of the University of Delhi, readily agreed to deliver the inaugural talk. This has made all of us happy and we look forward to it.

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