

Preface

The 62nd DAE-BRNS Symposium on Nuclear Physics will be held at Thapar University, Patiala, Punjab, during Dec. 20-24, 2017. This annual symposium has been instrumental in nurturing a tradition for research in nuclear physics in our country. The diverse interests in nuclear physics pursued here are reflected in the sub-topics selected. One can find large overlaps of interests in these topics with several other active fields of research: fundamental interactions and symmetries, many-body systems descriptions, and nuclear instrumentation, just to name a few. This year, there has been a very enthusiastic response in terms of the number of papers submitted, which are more than 500 contributed papers and 25 theses presentations. In addition, there are 25 invited talks being delivered by distinguished speakers from India and abroad. A Pre-symposium Orientation Program on “Basics of Super Heavy Elements Research” is also arranged on 19th December, 2017. There will be Indian Physics Association (IPA) sponsored award for the best thesis presentation in the Symposium. There will also be awards for three best poster presentations.

We are grateful to all the speakers and participants for the overwhelming response and participation in the Symposium. We thank the Board of Research in Nuclear Sciences, Department of Atomic Energy, for funding the Symposium generously. On behalf of the Organising committee, we would like to thank the advisory committee members for their valuable suggestions and support in planning the Symposium. We thank the Screening Committee members for scrutinizing the contributed papers for presentation in the Symposium. We thank Prof. P. Gopalan Director, Thapar University, for the excellent support in organizing the Symposium. We record our gratitude to Prof. Manoj K Sharma, Head School of Physics & Materials Science and Convener, Local Organizing Committee and all the members of the Local Organizing Committee for their untiring efforts in making all the arrangements for conducting the Symposium successfully.

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Mumbai