

Preface

The 67th DAE Symposium on Nuclear Physics (SNP-2023) will be held at Indian Institute of Technology Indore, Madhya Pradesh, India, during December 9-13, 2023. This year the Symposium is being conducted in the central part of the country and for the first time in the state of Madhya Pradesh. The aim of this annual Symposium is, to be instrumental in nurturing frontier research in nuclear physics in our country and to provide a scientific platform to the nuclear physics community for presenting their research work. DAE nuclear physics Symposium provides a very interactive forum for scientific discussions amongst the scientists, engineers and researchers of this community. This year, there has been a very enthusiastic response in terms of the number of contributions submitted under various categories. There are more than 650 contributed papers and 41 theses presentations covering different sub-topics. The contributory papers consist of 163 in Nuclear Structure, 205 in Nuclear Reaction, 50 in Nuclear Astrophysics, 55 in Hadron Physics, 85 in Relativistic Nuclear Collisions and Quark Gluon Plasma, 11 in Electroweak Interaction in Nuclei and 90 in Nuclear Instrumentation and Techniques sections. In addition, there are 18 invited talks being delivered by distinguished speakers from India and abroad. A Pre-symposium Orientation Program on Recent Advances in Shell Model is also being arranged on 8th December, 2023. There are awards for ten best poster presentations and the Indian Physics Association (IPA) sponsored award for the best thesis presentation. Young Achiever Award (YAA), which was introduced in the previous year, will also be presented to motivate bright young researchers of the country.

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. We would like to record our gratitude to the members of National Advisory Committee and National Organizing Committee 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 also thank the local organizers at IIT-Indore for providing requisite support and logistics.

We express our sincere gratitude to Chairman AEC, Director BARC, and Director Physics Group, BARC, for their guidance and consistent support in organizing the Symposium. We extend our appreciation to all colleagues in helping us to make the necessary arrangements for conducting the Symposium successfully.

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Mumbai
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