

Foreword

The 54th annual Nuclear Physics Symposium sponsored by the Board of Research in Nuclear Sciences, DAE, was held at Bhabha Atomic Research Centre, Mumbai during 8–12 December 2009. This year coincided with the birth centenary year of Dr Homi Bhabha. Dr Bhabha was the pioneer of the nuclear energy program in the country, and it was also with the initiative of Dr Bhabha that the annual DAE Nuclear Physics Symposium was started. The organizing committee decided to mark this occasion by making this symposium international. The aim of this series of symposia has been to provide a scientific forum to the nuclear physics community to present their research work and to interact with the researchers in this area. There was a very enthusiastic response to the symposium in terms of the number of papers and theses submitted for presentation in the symposium. In addition, there were invited talks delivered by distinguished speakers from India and abroad. The invited talks covered a wide range of topics from low to high energy nuclear physics, accelerator and detector facilities. This volume contains the papers of the invited talks provided by the speakers.

The organizing committee likes to thank the advisory committee members for valuable suggestions and support for planning of the symposium. The financial support from Board of Research in Nuclear Sciences, DAE, for the conduct of the symposium is hereby duly acknowledged.

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