

V Latin American Symposium on Nuclear Physics and XXVI Workshop on Nuclear Physics in Brazil

Foreword

The V Latin American Symposium on Nuclear Physics and the XXVI Workshop on Nuclear Physics in Brazil took place, as a joint and simultaneous event, in Santos, Brazil, from 1 to 5 September, 2003. The Latin American Symposium on Nuclear Physics was the fifth in a series of biennial meetings devoted to promoting the development of nuclear sciences in Latin America. The previous symposia took place in Venezuela (1995, 1997), Colombia (1999) and Mexico (2001). One of the main goals of these meetings is the development of fruitful collaborations within the nuclear physics community in Latin America, as well as establishing and strengthening similar collaborations with the communities of countries with stronger scientific tradition. The Workshop on Nuclear Physics in Brazil was the 26th in a series of annual meetings in the areas of experimental, theoretical and applied nuclear physics. The joint event was chaired by Roberto V. Ribas, from São Paulo. The members of the organizing committee were Alejandro Szanto de Toledo (São Paulo), Alessandro Alves da Silva (São Paulo), Eduardo Nascimento (São Paulo), Manfredo Tabacniks (São Paulo), Nilberto H. Medina (São Paulo), Paulo Roberto S. Gomes (Niterói), and Raul Donangelo (Rio de Janeiro). Secretarial support was provided by Zenaide D. Vieira (symposium secretary) and the staff of the Brazilian Physics Society (Eliane Maria Alves, Roberto C. Pereira, Edgar Gonçalves, Fernando Luis Braga, Sueli M. de Almeida, and Neusa Lucas Martin, which is responsible for the production of these proceedings). Over two hundred and thirty people attended the Symposium/Workshop, including about 70 participants from outside of Latin America. The scientific program consisted of 20 plenary invited talks, during the morning sessions, and seven topical parallel afternoon sessions, with a total of 56 invited talks and selected oral contributions. There were also 124 poster presentations. The sessions were devoted to Nuclear Reaction Dynamics, Nuclear Structure, Nuclear Matter at High Energy Density, Nuclear Astrophysics, Nuclei far from Stability, Particle-Nucleon Interactions, Photonuclear Reactions, Applied Nuclear Physics and Instrumentation for Nuclear Physics. The authors of the contributions were invited to submit an original article for publication in this special issue of the Braz. J. Phys., which is entirely devoted to the proceedings of the Symposium. We acknowledge the financial support of CNPq, CAPES, FAPESP, FAPERJ and CLAF. Also, we wish to thank the NSF America Program for providing the funds to support the participation of nine American students.

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Guest Editors