

XXV BRAZILIAN NATIONAL MEETING ON PARTICLES AND FIELDS

The Brazilian National Meeting on Particles and Fields (Encontro Nacional de Física de Partículas e Campos) is held every year, by the Brazilian physics community working in Field Theory, Cosmology and Gravitation, Particle Physics Phenomenology, and Experimental High Energy Physics, under the sponsorship of the Brazilian Physical Society (Sociedade Brasileira de Física, SBF). The aim of this meeting is the interchange of information through the organization of invited review talks, the presentation of contributed short communications, and some panels on current research activities of the participants.

The first of these meetings was held in 1978 and had about 80 participants. In the following years the number of participants has grown continuously. The XXV meeting took place at the resort town of Caxambu, Minas Gerais, from 25 to 27 August, 2004, with 311 participants, including faculty members, associate researchers, and Ph.D. and M.Sc. students, mainly from Brazil but also from abroad. The meeting was supported by several Brazilian organizations (Coordenação de Aperfeiçoamento de Pessoal de Nível Superior, CAPES, Conselho Nacional de Desenvolvimento Científico e Tecnológico, CNPq, Fundações de Amparo à Pesquisa do Estado de São Paulo, FAPESP, do Estado do Rio de Janeiro, FAPERJ, do Estado de Minas Gerais, FAPEMIG, and Financiadora de Estudos e Projetos, FINEP). It also had the support of Centro Latino Americano de Física, CLAF.

There were plenary, parallel, and revision sessions on one side, and oral and poster communications on the other. The contents of the oral and poster communications are electronically posted in the webpage of the Sociedade Brasileira de Física (www.sbfisica.org.br).

The invited plenary talks were given by Ludwig Faddeev (Saint Petersburg, Russia), Carlos Salgado (CERN, Switzerland), Jean-Pierre Luminet (Meudon Observatory, France), Peter Jenni (CERN, Switzerland), William Unruh (British Columbia, Canada), and Robert Pisarski (Brookhaven National Laboratory, USA). Invited parallel talks were given by Dmitri Gitman (IFUSP), Mauricio Barbi (DESY, Germany), Raul Abramo (IFUSP), David Dudal (Gent, Belgium), Thyrso Villela Neto (INPE), Renata Funchal (IFUSP), Valdir Bezerra (UFPb), Damiano Anselmi (Pisa, Italy), Ana Gabriela Grunfeld (CNEA, Argentina), Eduardo Fraga (UFRJ), and Jeferson Ortiz (IAGUSP).

A talk on scientific popularization attended mainly by high school teachers was given by Maria C. B. Abdalla, from IFT, UNESP. The meeting was closed by four review talks with a summary of presentations and an appraisal of the evolution of the area of particles and fields in Brazil in the last years. These review talks were given by Mario Novello (CBPF), Adriano Natale (IFT, UNESP), Carlos A. Aragão de Carvalho (UFRJ), and João C. C. dos Anjos (CBPF).

We thank the collaboration of all these scientists. We specially thank Jean-Pierre Luminet, Peter Jenni, Robert Pisarski, Dmitri Gitman, Valdir Bezerra, and Eduardo Fraga, for the careful and improved version of their talks, which we are publishing as review articles in this issue of the Braz. J. Phys.

I thank the very good job of my colleagues of the organizing committee: Edison Hiroyuki Shibuya, Eugenio Ramos Bezerra de Mello, Fernando Marroquin Leão de Almeida Jr, George Emanuel Avraam Matsas, Hiroshi Nunokawa, Marcos Duarte Maia, Maria Beatriz Gay Ducati, Nelson Pinto Neto, Raimundo Muniz Teixeira Filho, and Wilson Oliveira. We also thank all the staff members of SBF, in special Neusa Martin for preparing the material for publication, and Fernando da Silva Braga for taking care of the electronic publication of the oral and panel contributions that can be found in the webpage of SBF.

Adilson José da Silva
on behalf of the Organizing Committee
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