

FOREWORD

The II LAWHEP was motivated by the great success of the I LAWHEP held in December 2007 in Porto Alegre. In this second edition of the Workshop, researchers from Latin American universities and research institutes working on high energy phenomenology had provided an excellent scientific atmosphere. There were more than forty participants, including faculty members, postdoctoral associates, and graduate students, from several institutions.

The program had five lectures, given by Professors Ronald Shellard, from Centro Brasileiro de Pesquisas Físicas, Brazil, Carlos Alberto de Garcia Canal, from Universidad Nacional de La Plata, Argentina, Gorazd Cvetič, from Universidad Santa Maria, Valparaiso, Chile, Daniel Gomez Dumm, from Universidad Nacional de La Plata, Argentina and David d'Enterria, from CERN, sixteen talks, and fourteen posters.

The II LAWHEP took place in São Miguel das Missões (Unesco World Heritage), RS, Brazil, from 3rd to 7th December 2007, at the Wilson Park Hotel. It was partially supported by CNPq, CAPES, CLAF, FAPESP, FAPERJ, UFRGS, and FURG, and it required some investment from all of the participants. The level of the presentations was very high, with lively discussions. The poster sessions had a full attendance. A committee of lecturers has chosen the best student posters (in terms of physical content and presentation). The prize for the best poster was given to Marco André Pacheco, from UERJ, advised by Maria Elena Pol; mentions were given to Mairon Machado, from UFRGS, Susana Naranjo, from Universidad Nacional de Colombia, and Gustavo da Silveira, from UFRGS.

The II LAWHEP was dedicated to update the contributions to this field, to promote scientific interactions within the community, to create the possibility of new exchanges and collaborations, and to foster contacts with experimentalists as well. The contributions to the meeting are presented in these proceedings, based on the refereeing standards of the Brazilian Journal of Physics.

The event was chaired by Maria Beatriz Gay Ducati, from UFRGS, with the co-chair Boris Kopeliovich, from Universidad Santa Maria from Valparaiso, Chile, and an organizing committee composed by Alejandro Ayala (UNAM, Mexico), Oscar Éboli (USP, Brazil), Carlos Alberto Garcia Canal (UNLP, Argentina), Fernando Marroquin (UFRJ, Brazil), Roberto Martinez (UNC, Colombia), Orlando Peres (UNICAMP, Brazil), Rogério Rosenfeld (IFT-UNESP), Alberto Santoro (UERJ, Brazil), Rodolfo Sassot (UBA, Argentina). The local committee was composed by Magno V. T. Machado (Unipampa), Dimiter Hadjmichef (UFPel), Werner Krambeck Sauter (UFRGS), Marcos André Betemps (CAVG-UFPel), Luiz Fernando Mackedanz (Unipampa), with the invaluable work of the GFPPE graduate students, João Thiago de Santana Amaral, Emmanuel Gräve de Oliveira, Gustavo Gil da Silveira, and Mairon Melo Machado. The III LAWHEP is being organized for the next year.

Maria Beatriz Gay Ducati
Magno Valério Trindade Machado
Marcos André Betemps
Guest Editors