

Preface

R. CERULLI⁽¹⁾ and F. VISSANI⁽²⁾

⁽¹⁾ *INFN, Laboratori Nazionali del Gran Sasso - Assergi (AQ), Italy*

⁽²⁾ *Gran Sasso Science Institute - L'Aquila, Italy*

received 23 June 2015

The XIII edition of the *Incontri di Fisica delle Alte Energie* (IFAE) meeting was jointly organized by *Laboratori Nazionali del Gran Sasso* of INFN and Gran Sasso Science Institute (GSSI), the National Centre of Advanced Studies of the INFN. This Edition has intended to express the nearness of the Italian high-energy physics community to the people and to the city of L'Aquila, five years after the terrible earthquake of April 2009.

The first section of the Meeting was hosted in the Auditorium del Parco “Renzo Piano”. The subsequent sessions were carried out in the GSSI institute complex and in the Conference room of *Laboratori Nazionali del Gran Sasso*, where the Poster section was held.

Thanks to the opportunity to host this meeting close to the largest underground laboratory of the world, this edition included a rich session of Astroparticle physics along with the customary sessions concerning high-energy physics with accelerators. The present volume covers many recent achievements and interesting aspects of the high-energy physics, with and without accelerator. The number of participants, mostly young researchers and PhD students, exceeded one hundred, with more than 50 presentations and about 30 contributions to the Poster section. These figures, already, demonstrate the great participation and interest in this meeting; but it is the high level of the talks, the atmosphere conducive to discussions and the very lively sessions, that witnesses the success of this edition.

We would like to thank the Conveners of the Sessions for their valuable work: Roberto Contino, Massimo D'Elia, Massimiliano Grazzini, Sandra Leone, Chiara Oppedisano, Elvira Rossi (Energy Frontier); Federico Mescia, Fabrizio Palla, Cecilia Tarantino, Stefania Vecchi (Frontier of the Intensity); Marco Cirelli, Giovanni De Lellis, Alberto Garfagnini, Alessandro Mirizzi (Cosmic Frontier). We would like also to thank the members of the Scientific Committee: Diego Bettoni, Walter Bonivento, Concezio Bozzi, Tiziano Camporesi, Claudia Cecchi, Giorgio Chiarelli, Pietro Colangelo, Fulvia De Fazio, Fabrizio Fabbri, Speranza Falciano, Fernando Ferroni, Pasquale Lubrano, Chiara Mariotti, Antonio Masiero, Leonardo Merola, Giulia Ricciardi, Biagio Saitta, Luca Trentadue, Alessia Tricomi, Vincenzo Vagnoni, Antonio Zoccoli; the members of the Local Organizer Committee: Roberta Antolini, Eugenio Coccia, Aldo Ianni, Luca Pattavina, Stefano Ragazzi; the secretariat: Fausto Chiarizia, Luisa Faccia, Marco Galeota, Andrea Meschini, Sonia Sebastiani.

Last but not least, we thank all the speakers and participants, who joined for this scientific event and gave their contribution to the success of this IFAE Meeting XIII. Finally, we would also gratefully acknowledge the financial contribution and support of INFN.

Hoping this volume will be useful for your work, we wish you the best in the hope to welcome you in L'Aquila soon again.