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Preface

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The first edition of *Incontri di Fisica Applicata* was held in La Biodola, Isola d'Elba, Italy, on May 24-27, 2010. The meeting was intended to give an overview of the initiatives of Applied Physics in Italy and Europe, focused in particular on applications in medicine, biology, cultural heritage, environment, space and energy.

The number of participants was more than 50. In addition to the 32 contributed talks presented by young researchers the meeting was enriched by four invited lectures on *econophysics, astro-particle physics, applications of physics to the cultural heritage, environmental radioactivity*.

The topics covered by the contributed talks included the heavy ions hadrontherapy, the biomedical imaging, the computational architecture, the nuclear methods applied to cultural heritage, the low doses radiobiology and also the science dissemination.

The meeting was sponsored by the Istituto Nazionale di Fisica Nucleare (INFN), the Frontier Detectors for Frontier Physics Association and the University of Siena.

We would like to thank the La Biodola-Hermitage owners, Massimo and Raffaella De Ferrari, the director, Gianluca Prianti, and the staff, for the warm and friendly hospitality they offered us.

The effort of Claudia Tofani guaranteed the smooth development of the meeting in all its phases, from the announcement, handling the abstracts, matching the available hotel accommodations to the requests, helping the participants during the conference, ending with a dedicated and accurate work for the publication of the proceedings.

The computer room setup and the wireless connection, the printers and all the computer support, very useful for the success of the meeting, were due to the work of Mauro Giannini. Last, but not least, we would like to express our gratitude to the INFN Pisa staff, in particular to the secretaries (Lucia Lilli, Erika Cioli and Adele Saredo Parodi), and to the technical staff (Maurizio Garzella, Antonio Orsini and Aldo Tazzioli).