

PREFACE

On the occasion of the 6th Centenary of its foundation, the University of Turin has awarded to Professor Antonino Zichichi an honorary degree (Laurea Honoris Causa) for his discovery of nuclear antimatter. In the official ceremony the subject chosen for his magistral lecture has been “The Superworld”, a subject bound to become even more topical owing to the start of LHC, the new accelerator of CERN. Superworld is a formidable new reality to which Zichichi has contributed with a series of important papers of phenomenological and theoretical nature.

These papers represent an estimable contribution that will surely remain of great interest, not only for their originality but also for their completeness in terms of phenomenological analysis of what could be expected, taking into account our present knowledge of the physics world.

In recognition of the value of these papers, the University of Turin has decided to group them in a unique volume in order to provide the scientific community with a text in which the crucial aspects of the Superworld phenomenology are rigorously and exhaustively treated.

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