

PREFACE

The present volume contains in written form the scientific talks presented at the 6th International Workshop on the Identification of Dark Matter (IDM2006) which was held in the Island of Rhodes-Greece in the period of 6-11 September 2006. It is the first one to be held outside the United Kingdom, a continuation of a biannual series of Similar Workshops commenced in 1996 at Sheffield (IDM96).

Their aim is to bring together active researchers from across the globe, both experimentalists and theorists, working on the problem of fundamental importance, such as the Identity of Dark Matter. Questions such as what it takes to observe it, in terms as of state of the art technology, past-present and future observational techniques, as well as theoretical issues of the many possible Dark Matter constituents as elementary particle relics from the Early Universe, their role in Structure Formation (both large and small scale) and galactic Dynamics dominate the agenda of the Workshop. The recent developments of the inclusion of an unidentifiable Homogeneous Dark Energy component in the Dark Sector of our Universe enlarged the scope and content of the topics tackled.

Following the format of previous meetings (IDM96, IDM98, IDM2000, IDM2002, and IDM2004) reviews on all of the above general areas are included with short talks making up the core of the contributed papers. A special session is devoted to axion searches as well as one alike to neutrino telescopes. These two in addition to the ones devoted to standard topics such as direct and indirect searches for WIMPs, supersymmetric dark matter, accelerator searches for dark matter...

The social part of the Workshop consisted of two afternoon sightseeing tours, the first one to the Rhodes Magistrate Palace followed up by the conference banquet which was kindly offered by the City Mayor. The second one took place at the castle of Lindos at the closing of the Workshop.

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