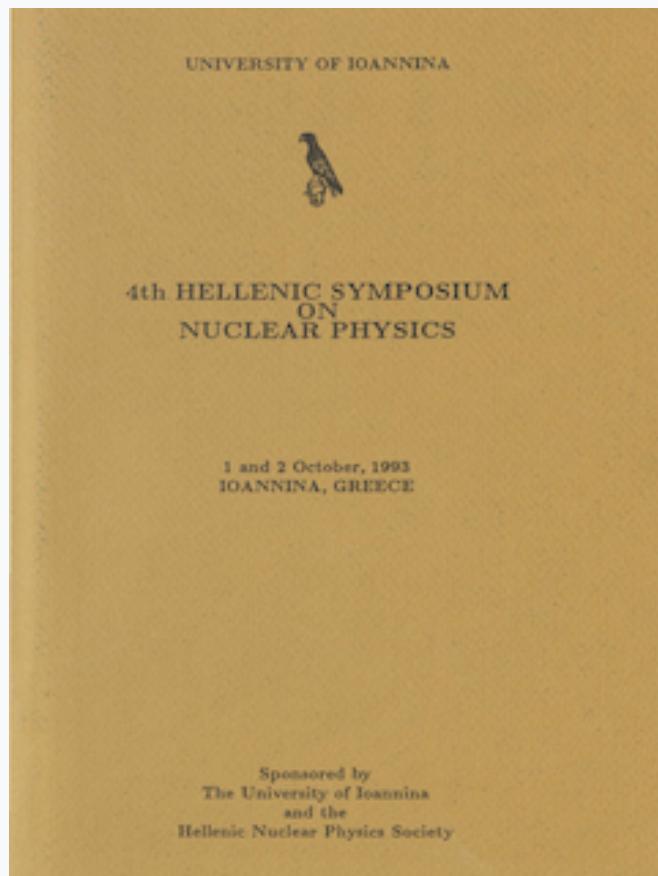


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**4th HELLENIC SYMPOSIUM
ON
NUCLEAR PHYSICS**

**1 and 2 October 1993
IOANNINA, GREECE**

The University of Ioannina
University Campus

Organizing Committee

X.A. Aslanoglou (U. of Ioannina)
T.S Kosmas (U. of Ioannina)
G. Pantis (U. of Ioannina)

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PREFACE

The fourth Hellenic symposium on Nuclear Physics was held at the University of Ioannina from Oct. 1st to Oct.2, 1993. The main goal of this series of symposia is to provide a periodic meeting place for researchers in nuclear physics in order to stimulate the exchange of information and the establishment of collaboration links leading to an overall enhancement of the activities in this field.

Previous workshops were held at the University of Thessaloniki in 1990, at the NRC-Demokritos in 1991 and at the Technical University of Athens in 1992. In the present one a special effort has been made to broad the scope of the symposium beyond its local context and achieve international participation and to include more contributions both from experimental Nuclear Physics as well as high energy physics.

The scientific program follows the guidelines of the previous meetings. It covers a broad scope of topics within nuclear physics and this interdisciplinary character at the symposium has been emphasized by separating the contributed papers according to their specific subjects.

The present volume includes all contributed papers accepted for presentation which have been reproduced photostatically from the originals. The responsibility for the contents and for the form of these papers rests entirely with their authors. In a few particular cases where the originals did not comply with the format established for these proceedings, somehow improved versions have been used.

Finally, special thanks are due to all the institutions and individual persons who have made this workshop possible through their financial support as well as through their untiring collaboration.

The Organizing Committee