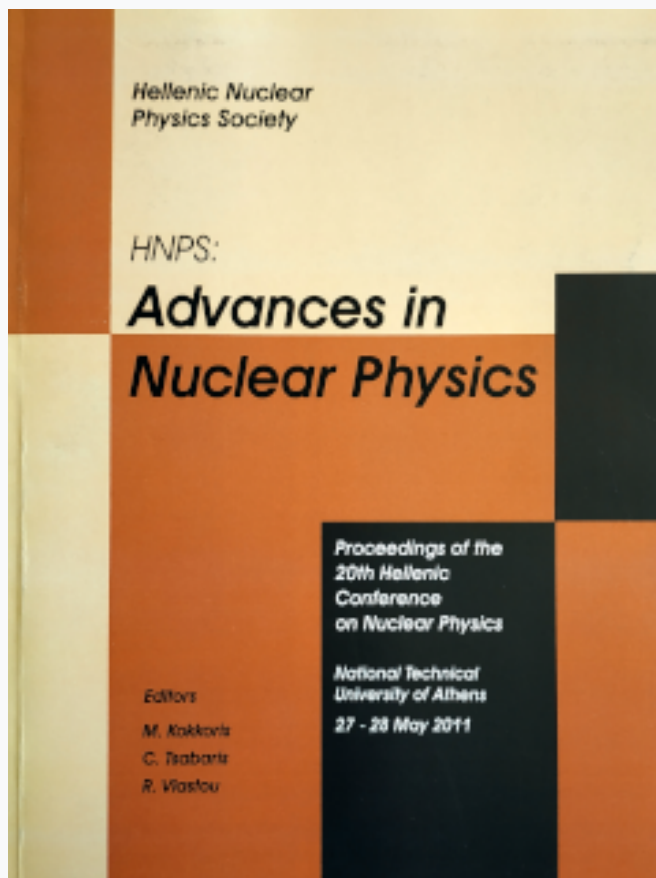


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**HELLENIC NUCLEAR PHYSICS SOCIETY**

**PROCEEDINGS**

**20<sup>th</sup> HELLENIC CONFERENCE**

**ON**

**NUCLEAR PHYSICS**



**NATIONAL TECHNICAL UNIVERSITY OF ATHENS**

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## PREFACE

This volume contains the Proceedings of the 20<sup>th</sup> Hellenic Conference on Nuclear Physics, held in the National Technical University of Athens on the 27<sup>th</sup> and 28<sup>th</sup> of May 2011. The texts of the talks and posters are compiled as submitted by the authors.

This conference followed a series of Hellenic Nuclear Physics Conferences that started in 1990 at Thessaloniki and since then, they are yearly held at different Greek academic institutions involving Nuclear Physics. The aim of this series of conferences is to offer the local nuclear physics community the opportunity to present and discuss their latest activities in theoretical and experimental nuclear physics and applications, sometimes in collaboration with colleagues from abroad and with the use of local facilities along with facilities around the world. It is also a unique forum for presentations by young colleagues, in the early stages of their careers.

The conference was organized under the auspices of the National Technical University of Athens (NTUA) and the Hellenic Center for Marine Research (HCMR). Grateful thanks are due to all the authorities of NTUA and particularly to the Rector and the Physics Department for the financial support, the technical assistance and the facilities provided for the successful organization of the conference. The financial support offered by the Hellenic Nuclear Physics Society, is also gratefully acknowledged. The help during the conference by several graduate and undergraduate students (Mary Diakaki, George Eleftheriou, Froso Androulakaki, Filothei Pappa, Maria Anastasiou Eleftherios Skordis and Adamos Kafkarkou) is also warmly appreciated.

Athens 2012

Michael Kokkoris

Christos Tsabaris

Rosa Vlastou

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