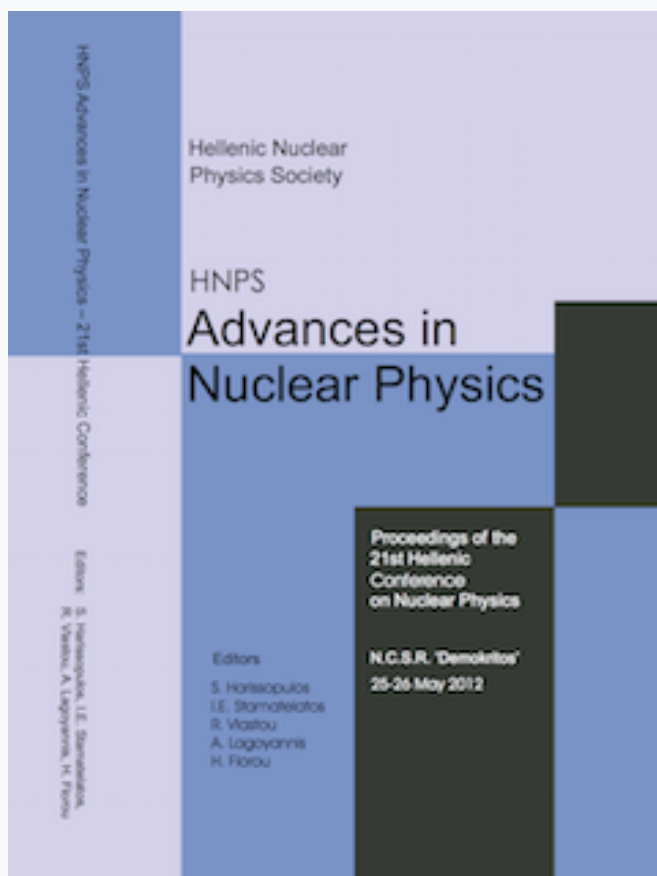


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**HELLENIC NUCLEAR PHYSICS SOCIETY**

**PROCEEDINGS**

**21<sup>st</sup> HELLENIC CONFERENCE**

**ON**

**NUCLEAR PHYSICS**



**NATIONAL CENTRE FOR SCIENTIFIC RESEARCH  
“DEMOKRITOS”**

**25 & 26 MAY 2012**

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## **PREFACE**

The present volume contains the Proceedings of the 21<sup>st</sup> Hellenic Conference on Nuclear Physics, held in the National Centre for Scientific Research “Demokritos”, on 25<sup>th</sup> and 26<sup>th</sup> May 2012. 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. 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 usage of facilities in Greece and abroad. 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 Centre for Scientific Research “Demokritos”. The financial support offered by the Institute of Nuclear and Radiological Sciences, Technology, Energy and Safety, the Environmental Radioactivity Laboratory, and the TANDEM Accelerator Laboratory of the Institute of Nuclear and Particle Physics, NCSR “Demokritos” is gratefully acknowledged. Moreover, the encouragement and assistance provided by the Hellenic Nuclear Physics Society Governing Board, is also gratefully acknowledged. The help during the conference by several graduate and undergraduate students (names) is also warmly appreciated.

Athens 2013

Sotiris Harissopulos  
Ion Stamatelatos  
Rosa Vlastou  
Tassos Lagoyannis

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