



# **TESNAT 2016**

## **International Conference on Theoretical and Experimental Studies in Nuclear Applications and Technology**

TESNAT conference series aim to discuss and compare all applicable methods as are being applied at present in nuclear physics. The problems faced in these fields at present are focused in the development of new methods and in the improving of existing techniques to achieve an understanding of existing experimental data and in predicting with high reliability new properties and processes. This conferences propose to bring together all these related communities with the goal of creating an enriching dialog across the disciplines. The 2016 conference had given an overview on the theoretical and experimental challenges in nuclear physics and applications. The main topics of the workshops are computational nuclear physics, medical physics, Monte Carlo applications in Nuclear Physics and other applications of nuclear physics.

TESNAT 2016 attracted about 150 participants and during the workshop 5 lectures, 70 plenary talks as well as 50 posters were presented. We would like to thank all the participants as well as the members of the International Scientific Committee, the Local Organizing Committee, the sponsors: TAEK (Turkish Atomic Energy Authority) and especially the hosting Mustafa Kemal University and Payas Mayor for the extremely warm atmosphere of the workshop. We would also like to thank Prof. Dr. Arjan KONING, Prof. Dr. Mohamed BELGAID, Prof. Dr. Saleh SULTANSOY, Prof. Dr. Ahmet BOZKURT and Prof. Dr. Aysel KAYIŞ TOPAKSU for their supports and leaderships.

We would also like to thank Prof.Dr. İsmail Hakkı KARAHAN and Dr. Muhittin ŞAHAN for their supports, Dr. Bayram DEMİR, Dr. Ahmet BÜLBÜL, Ercan YILDIZ, Tuğba TUTAR KABLAN and Selma ÖZARSLAN for their helps in organization and the staff of “European Physical Journal Web of Conferences” for their help with publishing the proceedings.

İsmail Hakkı SARPÜN, Eyyup TEL, Abdullah AYDIN, and Abdullah KAPLAN

Editors

