

1st Day (20 September 2017 WEDNESDAY)

POSTER SESSION I

Rachid Ahl Laamara, **Mohcine Drissi El Bouzaidi**

Neutrinos and Probes of High Scale Physics

Berkay Çetin, Sefa Sayın, Tuncay Bayram

Photonuclear Cross Sections of Some Tl isotopes by Using TALYS code

Ghania Bouhila, Fatima Benrachi, Mourad Ramdhane

Levels and effects of natural radionuclides in sediment banks of Rhumel River (Northeast Algeria)

Lhoucine Oufni, Rabi Rabi

Investigation of indoor radon distribution using measurements and finite volume method

Fatima Benrachi, Meriem Khiter, Nadjat Laouet

Nuclear Structure Calculations in double-beta decay ^{136}Xe nucleus

Zhanibek Kurmanaliyev, Ainur Kunsafina, Dmitry Tsirkov

Energetic Dependence Of The Cross Section Of $Pp \rightarrow \{Pp\}S\pi^0$ Reaction With Production $1s0$ Diproton In The Energies Interval 1-3 GeV.

Sultan Şahin Bal, Önder Kılıç, Fikriye Gönültaş, Murat Kürşat

Determination of Radioisotope Activity Concentrations in Some Medical and Aromatic Plants Growing in Tatvan Küçükusu Village (Bitlis)

Sultan Şahin Bal, Önder Kılıç, Fikriye Gönültaş, Murat Kürşat

Determination of Radon Levels in Some Medical and Aromatic Plants Growing in Ağaçköprü Village (Bitlis)

Hakan Yakut, Emre Tabar, **Recep Akkaya**, Seval Kasapoglu

Radon Exhalation Rates Of The Soil Samples From Different Districts Of Bursa, Turkey

Zehra Merve Cinan, Ahmet Hakan Yılmaz

A Wide Scaled Analysis Of Elastic Scattering Of ^2H , $^4,6\text{He}$, $^{6,7,8}\text{Li}$, $^{7,9}\text{Be}$, $^{8,11}\text{B}$ And ^{18}O From ^{58}Ni At Various Energy Region

Fatima Zohra Chemingui, Fatima Benrachi

Monte Carlo (Geant4) simulation of hadrontherapy beam Line

Satimbay Palvanov

Excitation of Isomeric States in Reactions (γ,n) and ($n,2n$) on ^{45}Sc and ^{81}Br

Burak Hasbolat, Fatih Enis Ayciçek, Veli Dađlı, Tuncay Bayram

^{167}Tm Product Cross Section Calculations for Proton Induced Reactions of Stable Yb, Er and Tm isotopes

Burak Hasbolat, Fatih Enis Ayciçek, Neslihan Sena Erdem, Tuncay Bayram

Alternative Radioisotopic Heat Sources ^{151}Sm , ^{137}Cs , ^{170}Tm Product Cross Section and Activity Calculations for Radioisotope Thermoelectric Generators

Zahra Jahangiri Tazekand, Hadi Sabri, Mohammad Ali Mohammadi, Mortaza Mohseni

Theoretical Description of energy spectra and Quadrupole transition probabilities of ^{190}Hg

Seçil Niksarlıođlu, Fatih Kùlahcı

Modelling of ^{222}Rn Concentration Changing along Fault Lines with Geostatistic Methodologies

Seçil Niksarlıođlu, Fatih Kùlahcı

Time Series Analysis of Soil Radon Anomalies on the East Anatolian Fault System

2nd Day (21 September 2017 THURSDAY)

POSTER SESSION II

Cherif Kourteli, Fatima Benrachi

Evaluation of dosimetric impact of flattening filter-free (FFF) photon beams in 3D conformal radiotherapy

İbrahim Ülgen, Bülent Yılmaz

Study on Stochastic Quantum Dynamics Beyond Mean-Field for a Toy Model

Dorina Aranghel, Gabriel Floare, Vlad Vramulet, Chivuta-Ramona Badita, Constantin Ivan, Iani Mitu

Areas radiation measurements at ELI – NP

Dorina Aranghel, **Doina Stanciu**, Chivuta-Ramona Badita, Ana Stochioiu, Ion Tudor

The technical aspects of the Quality Management System (QMS) for Radiation Dosimetry Laboratory from ELI-NP facility

Tayfun Akyürek

Calculation of reactor parameters of pwr assembly at different temperatures

Mehmet Büyükyıldız, Murat Kurudilek

Radiation shielding properties of lead-doped bronze and brass materials

Mehmet Büyükyıldız

Mass attenuation coefficient, mean free path, effective atomic number and electron density of Tecolen (CP20 HF75 NL IM), Tecomid (NT40 GD60 NL HS) and Tecotek (AB40 HF55 NL) polymer composites

Kaan Manisa, Hasan Bircan, Mehmet Erdoğan, Ahmet Biçer

Relation Between Incompressibility And Effective Mass For Nuclear Matter

Irada Afandiyeva

The Pole Mechanism Of Pick Up In The Direct Nuclear Reaction In The Model Of Nucleon Associations

Ahmet Biçer, Kaan Manisa, A. Engin Çalık, Mehmet Erdoğan, Hasan Bircan, Mürsel Şen, Haris Dapo, İsmail Boztosun

Photoneuclear Reaction: Experimental Determination Of Energy Levels And Half-Lives Of Rubidium And Barium Isotopes

Rasim A. Ahmedov

Polarization Effects In Hadron- Hadron Scatterings

Mehmet Erdoğan, Kaan Manisa, Hasan Bircan, Hamide Kendüzler

From Symmetry Energy To Binding Energy Of Pure Neutron Matter

Necla Çakmak, **Nurhan Özdemir**, Cevad Selam

First Forbidden Beta-Decay Matrix Elements and The logft Values in ^{170}Tm

Nuray Yavuzkanat Kızılyer

Characterisation of SensL Blue Sensitive Silicon Photomultipliers and Coincidence Resolved Time (FWHM) Measurement

Oday Hussein

The Effects of the Geometrical Dimensions on the Optical Properties of the Electrostatic Quadrupole Triplet Lens

Erhan Eser, Hüseyin Koç, Mustafa Hicabi Bölükdemir

Investigations of thermophysical properties of nuclearfuels (Oxide and Nitride) using Einstein–Debye approximation

Mustafa Hicabi Bölükdemir, Erhan Eser

Phyiscs of plasma focus device for nuclear fusion studies

Necla Çakmak, **Zahra Ali Ahmet Alwasi**, Cevad Selam

Calculation of Gamow-Teller Logft Values For $^{127,129}\text{Ba}$ Isotopes with Pyatov's Method