

Vol. 16 No.1 October 2023

EISSN:2460-5999

ISSN: 1979-6374

J U R N A L
NEUTRINO
Jurnal Fisika dan Aplikasinya

EDITORIAL BOARD

Editor In Chief

Cecep E. Rustana, Ph.D, (Scopus Id=57207779435, h-index: 2) Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia

International Editorial Board

1. Prof. Taufik Taufiq, (Scopus Id=23670809800, h-index: 14) California Polytechnic State University, San Luis Obispo, United States
2. Prof. Alvaro Antonio Ochoa Villa, (Scopus Id=56379791500, h-index: 15) Instituto Federal de Tecnologia de Pernambuco - IFPE, Brazil
3. Prof. Philip Jennings, Murdoch University, Perth Australia, Australia
4. Dr. Eny Latifah, M.Si, (Scopus Author ID: 56242585900) Department of Physics, State University of Malang, Indonesia
5. Prof. Muhammad Yahaya, PhD, (Scopus Id=7003350598, h-index: 11) School of Applied Physics, Universiti Kebangsaan Malaysia, Bangi, Malaysia
6. Prof. Dr. Arif Hidayat, M. Si, (Scopus Author ID = 7006069131; h-Index: 4) Department of Physics, State University of Malang, Indonesia

Editor

1. Erika Rani M.Si, (Scopus Id=57188988759, h-index: 1) Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
2. Utiya Hikmah, M.Si, (Scopus Author ID: 57197754656) Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
3. Muthmainnah M.Si, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
4. Naqibatun Nadliriyah, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia, Indonesia
5. Ahmad Luthfin, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia, Indonesia

Assistant Editor

1. Kusairi S.Si, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
2. Rahmad Verdianto A.Md, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
3. Ninik Chamidah, S.Kom, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia

FOCUS AND SCOPE

Jurnal Neutrino:Jurnal Fisika dan Aplikasinya is online-International physics journal and its applications (**EISSN 2460-5999**) dedicated to publishing the good quality research across all aspects of experimental and theoretical applications of physics specialized in: physics instrumentation, physics computation, biophysics, medical physics, environmental physics, nuclear physics, geophysics, optics and renewable energy.

INDEXING AND ABSTRACTING

Jurnal Neutrino:Jurnal Fisika dan Aplikasinya (ISSN:1979-6374/EISSN:2460-5999) has been covered (indexed and abstracted) by following indexing services:

1. Crossreff
2. Sinta
3. ISJD
4. Moraref
5. Akademia.edu
6. Google scholar
7. IPI
8. Indonesian one search
9. Mendeley
10. Dimention
11. Garuda

TABLE OF CONTENT

| | |
|--|-------|
| Editorial Board | i |
| Focus and Scope | ii |
| Index and Abstracting | iii |
| Table of Content..... | iv |
| STUDY OF THE GRAVITY EFFECTS OF FERMION AND BOSON PARTICLES IN CURVED SPACETIME Dian Eko Pambudi, Arista Romadani | 1-12 |
| SCALAR INTERACTIONS IN THE MODIFIED LEFT-RIGHT SYMMETRY MODEL Istikomah Istikomah, Nurul Embun Isnawati, Heni Sumarti, Sheilla Rully Anggita | 13-19 |
| MORPHOLOGY OF Ni-TiN/Si₃N₄ COMPOSITE COATINGS AT HIGH-TEMPERATURE OXIDATION Esmar Budi, Widyaningrum Indrasari, Riser Fahdiran, Hadi Nasbey | 20-24 |
| IMPLEMENTATION OF CASCADE CONTROL IN WATER TURBIDITY LEVEL SETTINGS FOR THE PROCESS CONTROL SYSTEM LEARNING MODULE Much. Ananda Fikri Alghufroni, Imam Saukani, Denda Dewatama..... | 25-36 |
| VISUALIZATIONS AND ANALYSES OF QUANTUM BEHAVIOR, SPACETIME CURVATURE, AND METRIC RELATIONSHIPS IN RELATIVISTIC PHYSICS Mardame Pangihutan Sinaga, Dolfie Paulus Pandara, Ukta Indra Nyuswantoro, Budiman Nasution, Ruben Cornelius Siagian | 37-52 |
| Author Guideline..... | 1-4 |
| Publication Etic | 5-8 |
| Back Cover | |