

Vol. 17 No. 1 October 2024

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 (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. Toto Winata, (Scopus Id=6507058725, h-index: 8) Bandung Institute of Technology, Indonesia
4. Prof. Philip Jennings, Murdoch University, Perth Australia, Australia
5. Dr. Eny Latifah, M.Si, (Scopus Author ID: 56242585900) Department of Physics, State University of Malang, Indonesia
6. Dr. Iwan Sugihartono, M.Si, (Scopus Id=24468037000, h-index: 14) Department of Physics, State University of Jakarta, Indonesia
7. Prof. Muhammad Yahaya, PhD, (Scopus Id=7003350598, h-index: 11) School of Applied Physics, Universiti Kebangsaan Malaysia, Bangi, Malaysia
8. Prof. Dr. Arif Hidayat, M. Si, (Scopus Author ID = 7006069131; h-Index: 4) Department of Physics, State University of Malang, Indonesia
9. Erika Rani M.Si, (Scopus Id=57188988759, h-index: 1) Technische Universität Dortmund, Germany

Editor

1. Utiya Hikmah, M.Si, (Scopus Author ID: 57197754656) Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
2. Muthmainnah M.Si, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia
3. Naqibatin Nadliriyah, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia, Indonesia
4. 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 Hamidah, S.Kom, Department of Physics, Universitas Islam Negeri Maulana Malik Ibrahim Malang, Indonesia



FOCUS AND SCOPE

Jurnal Neutrino is an online international physics journal whose applications are dedicated to publishing good-quality research across all aspects of experimental and theoretical applications of physics. This journal encompasses Original Research Articles and Review Articles, including and not limited to:

1. Physics instrumentation
2. Material physics
3. Geophysics
4. Biophysics
5. Medical physics
6. Theoretical Physics
7. Physics computation
8. Renewable energy
9. Environmental physics
10. Optics
11. Particle and Nuclear Physics

We encourage scholarly research and analysis that advances the discourse in these areas.



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. Crossref
2. Sinta
3. ISJD
4. Moraref
5. Akademia.edu
6. Google Scholar
7. IPI
8. Indonesian one search
9. Mendeley
10. Dimension
11. Garuda



TABLE OF CONTENT

Editorial Board.....	i
Focus and Scope	ii
Indexing and Abstracting.....	iii
Table of Contents.....	iv
ANALYSIS OF SUBSURFACE STRUCTURE OF IRON SAND POTENTIAL WITH 3D MODELLING RESISTIVITY GEOELECTRIC METHOD IN PANDANWANGI VILLAGE KUNIR LUMAJANG	
Mahrul Junaid Ubaidillah, Firdha Kusuma Ayu Anggraeni, Trapsilo Prihandono.....	1-9
MODIFICATION OF THE ATTENUATION EQUATION FOR PEAK GROUND ACCELERATION (PGA) IN THE NORTH SUMATERA REGION	
Sauma Natia Rahma, Lailatul Husna Lubis, Ratni Sirait, Rian Pratama, Angga Wijaya	10-16
DEVELOPMENT OF RS-WZ3 SENSOR IN IOT BASED VIBRATION MONITORING SYSTEM	
Widyaningrum Indrasari, Catur Anthony Hermanta, Heri Firmansyah.....	17-22
ANALYSIS OF FAULT PATTERNS THAT CAUSE DESTRUCTIVE EARTHQUAKES IN MAINLAND WEST JAVA	
Abdul Basid, Fadia Ainina Putri Maharani, Rusli Rusli	23-28
ANALYZING EEG SIGNALS FOR STRESS DETECTION USING RANDOM FOREST ALGORITHM	
Fi Imanur Sifaunnufus Ms, Fitra Abdurrachman Bachtiar, Barlian Henryranu Prasetyo.....	29-36
THE EFFECT OF SPUTTERING TEMPERATURE OF TiO ₂ /ITO-PEN PHOTOANODES IN DYE SENSITIZED SOLAR CELL	
Alfiatul Ma'arifah, Nabella Sholeha, Millah Nurhamidah, Ridha Diningsih, Herlin Pujiarti ..	37-47
Author Guideline.....	1-5
Publication Ethics.....	6-11
Back Cover.....	12

