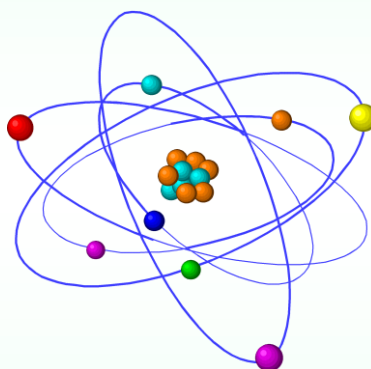




**S.U. UMAROV PHYSICAL-TECHNICAL INSTITUTE
OF THE NATIONAL ACADEMY OF SCIENCES OF TAJIKISTAN**

FIRST ANNOUNCEMENT

**IX International Scientific Conference
"MODERN PROBLEMS OF PHYSICS"**



Dear Colleagues!

We invite you to participate in the IX International Scientific Conference “Modern Problems of Physics”, dedicated to the 60th anniversary of the establishment of the S.U. Umarov Physical-Technical Institute of the National Academy of Sciences of Tajikistan, which will be held on

October 10-11, 2024

Dushanbe, Tajikistan

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Conference section topics

- Applied and theoretical physics, dynamic systems
- Condensed matter physics, nanotechnology and new materials
- Renewable and non-traditional energy
- Cosmic rays, nuclear physics and technology
- Atmospheric physics, climate change and water issues
- Medical and biological physics

Working languages of the conference: Tajik, Russian, English

Conference materials must be sent before September 10, 2024 by e- mail

phti.tajikistan@gmail.com

Conference location:

Dushanbe, Aini Avenue, 299/1, S.U. Umarov Physical-Technical Institute of
National Academy of Sciences of Tajikistan

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Web : <https://phti.tj> (Science and innovation–Scientific events–Conferences)

Rules for the design of materials:

Text up to 6 pages (with figures and tables) must be presented in a form ready for publication: typed in Microsoft editor format Word; font - Times New Roman 12, normal (for bibliography and text inside tables – Times New Roman 12; for captions – Times New Roman 10, normal), line spacing is single. Margins: bottom and top – 2 cm, right and left – 2 cm. Paragraph indent – 1 cm. Word hyphens are not allowed. Pages are not numbered. A dot is used as a decimal separator.

The title of the article, abstract and keywords are presented in three languages - Tajik, Russian and English

Example of article formatting:

UDC

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Surname IO1, Surname IO2 (Times New Roman 12, bold)

1Affiliation, Institutions, City, Country, email (Times New Roman 12, italic)

2 Affiliation, Institutions, City, Country, email (Times New Roman 12, italic)

Abstract. Text

Key words: Text

Text

References

1. Aerts D., Sassoli M.B. The extended Bloch representation of quantum mechanics and the hidden-measurement solution to the measurement problem. // – Ann. Phys. – 2014. – V. 351. – P. 975–1025.
2. Dogra S., Vepsalainen A., Paraoanu G.S. Majorana representation of adiabatic and superadiabatic processes in three-level systems. // – Physical Review Research. – 2020. – V. 2. – P. 043079 (1–12).