



COLLECTION OF SCIENTIFIC PAPERS



ISSUE  
№16

2ND INTERNATIONAL SCIENTIFIC  
AND PRACTICAL CONFERENCE

**CHALLENGES AND  
OPPORTUNITIES  
IN MODERN  
SCIENTIFIC RESEARCH**

APRIL 23-25, 2025  
IVANO-FRANKIVSK, UKRAINE





INTERNATIONAL SCIENTIFIC UNITY

2nd International Scientific and Practical Conference  
**«Challenges and Opportunities in Modern  
Scientific Research»**

Collection of Scientific Papers

April 23-25, 2025  
Ivano-Frankivsk, Ukraine

UDC 01.1

Challenges and Opportunities in Modern Scientific Research: Collection of Scientific Papers "International Scientific Unity" with Proceedings of the 2nd International Scientific and Practical Conference. April 23-25, 2025. Ivano-Frankivsk, Ukraine. 282 p.

ISBN 978-617-8427-46-7 (series)  
DOI 10.70286/ISU-24.04.2025

The conference is included in the Academic Research Index ReserchBib International catalog of scientific conferences.

The collection of scientific papers "International Scientific Unity" presents the materials of the participants of the 2nd International Scientific and Practical Conference "Challenges and Opportunities in Modern Scientific Research" (April 23-25, 2025).

The materials of the collection are presented in the author's edition and printed in the original language. The authors of the published materials bear full responsibility for the authenticity of the given facts, proper names, geographical names, quotations, economic and statistical data, industry terminology, and other information.

The materials of the conference are publicly available under the terms of the CC BY-NC 4.0 International license.

**ISBN 978-617-8427-46-7 (series)**



INTERNATIONAL SCIENTIFIC UNITY

© Participants of the conference, 2025  
© Collection of Scientific Papers "International Scientific Unity", 2025  
Official site: <https://isu-conference.com/>