



**Bogolyubov Institute for Theoretical Physics
of the National Academy of Sciences of Ukraine**



**XIV Conference of Young Scientists
Problems of Theoretical Physics**

dedicated to the 115th anniversary of the
outstanding theoretician in the physical sciences and
mathematician M.M. Bogolyubov (1909-1992)

January 16 – 18, 2024

ORGANIZING COMMITTEE

Head – Academician of NAS of Ukraine, Prof Dr. Anatoly Zagorodny;
Ph.D. Ivan Starodub; Ph.D. Sergiy Perepelytsya; Ph. D. Denys Savchenko; Ph.D. Dmytro Piatnytskyi.

TOPICS OF THE CONFERENCE

High energy physics, astroparticle physics, quantum cosmology, theory of nuclear systems, quantum field theory, theory of symmetries, theory of nonlinear processes in macromolecular structures, nanosystems and plasmas, dynamics of open strongly nonequilibrium physical, biological, economic and information systems.

SECTIONS

- **Astrophysics and Cosmology;**
- **Condensed Matter Physics;**
- **Mathematical Physics;**
- **Physics of Nuclei and Elementary Particles;**
- **Statistical Theory of Many-body Systems;**
- **Physics of Biological Macromolecules**

The lectures of leading scientists will be presented.

We invite the undergraduate and postgraduate students and the young scientists. Maximum age of a participant is **35**. The working language of the Conference is **English**. We provide **20 min** for an oral talk. Proceedings of the best talks will be recommended for publishing in the *Ukrainian Journal of Physics*.

The following event will be held in hybrid format: offline in Kyiv, Ukraine and online based on the Zoom platform.

No conference fee is charged for participation.

To participate in the Conference you need to fill the Registration Form on the conference web-site <https://indico.bitp.kiev.ua/event/11/>, then to prepare one-page **English** Abstract of your talk and submit it on the above specified web-site. For additional information, please contact the Organizing Committee *via* e-mail: confyoung.kiev@gmail.com

January 9 is the deadline for Abstract and Registration Form submission!