



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



VII Conference of Young Scientists

Problems of theoretical physics

dedicated to the 50th anniversary of
Bogolyubov Institute for Theoretical Physics

December 13 – 15, 2016

ORGANIZING COMMITTEE

Head – Academician of NAS of Ukraine, Prof Dr. Anatoly Zagorodny;

Ph.D. Ivan Starodub; Ph.D. Volodymyr Kravchuk; Ph.D. Sergiy Perepelytsya; Ph.D. Yuliya Bezvershenko; Ph.D. Anastasiya Rebish; Oleksandr Chernyak; Ph.D. Volodymyr Shapoval; Maxim Sydorenko; Kostyantyn Ershov; Ph.D. Olexandr Viznyuk; Ph.D. Oleksiy Ivanytsky; Ph.D. Yuri Karpenko; Ph.D. Denis Malyshev; Ph.D. Dmytro Piatnytskyi; Denys Savchenko; Oleksiy Zdorevskiy.

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.

REVIEW LECTIIONS

<i>Sections</i>	<i>Lecturers</i>
1. Astrophysics and Cosmology	Yurii V. Shtanov , Dr. / Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;
2. Mathematical Physics	Mykola Z. Iorgov , Dr. / Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;
3. Statistical Theory of Many-body Systems	Yurii B. Gaididei , Dr. Prof./ Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;
4. Physics of Biological Macromolecules	Sergej N. Volkov , Dr. Prof. / Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;
5. Condensed Matter Physics	Yaroslav O. Zolotaryuk , Dr. / Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;
6. Physics of Nuclei and Elementary Particles	Mark I. Gorenstein , Prof. Dr. / Bogolyubov Institute for Theoretical Physics of NAS of Ukraine;

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

Registration fee is **150 UAH** includes Conference Program and Book of Abstracts, and Coffee-breaks. For undergraduate students the registration fee is reduced to **75 UAH**. Organizing Committee assists the accommodation for participants from other towns.

To participate in the Conference you need to fill the Registration Form, prepare one-page **English** Abstract of your talk according to the example and send them to the Organizing Committee *via* e-mail confyoung@bitp.kiev.ua. For additional information, please contact: <http://confyoung.bitp.kiev.ua>

October 31 is the deadline for Abstract and Registration Form submission