



PROGRAM

of the International Conference
"Astronomy and Space Physics in the Kyiv University"
in part of the World Science Day for Peace and Development
May 26 – 29, 2026

Plenary sessions will be held in a hybrid format. For on-site participants, the venue is:
3 Observatorna St., Main Hall of the Astronomical Observatory, Kyiv.

Tuesday May 26, 2026

10:00 – 13:00 – Plenary Session

A link to the zoom meeting:

<https://knu-ua.zoom.us/j/87303751792?pwd=uRkk1c1V1s735im2236YNiVKB1UMQH.1>

Meeting ID: 873 0375 1792 **Passcode:** 196534

Moderator: Igor Luk'yanyk iluk@knu.ua

Chairs: Vasyl Ivchenko, Volodymyr Efimenko

10:00 – 10:30 – Opening of the Conference, welcome speeches

10:30 – 11:00 *V. Efimenko, Izotova I., Marchenko V., Shapoval V.* The Life and Scientific Legacy of V. V. Telnyuk-Adamchuk: Commemorating His 90th Birth Anniversary

11:00 – 11:30 *V. Kleshchonok* Scientific Legacy of Klym Churyumov

11:30 – 11:45 Coffee Break

11:45 – 12:25 *Charles Cockell* Biology and Astronomy: A newly energized interface between two sciences

12:25 – 13:00 *O. Agapitov* Switchbacks in the Young Solar Wind from Parker Solar Probe Observations

13.00 – 14.00 *Lunch break*

14.00 – 18.00 – *Sections: Astrometry and Small Bodies of the Solar System*

Wednesday, May 27, 2023

10.00 – 19.00

Sections:

*Solar Physics and Solar Activity
Atmosphere and Ionosphere Research*

Thursday, May 28, 2026

09:30 – 13:05 – Plenary Session

A link to the zoom-meeting:

<https://knu-ua.zoom.us/j/87302908227?pwd=jcFNAACRPbP3j74bHEuzPcXb0PeRi0.1>

Meeting ID: 873 0290 8227 **Passcode:** 467519

Moderator: Igor Luk'yanyk iluk@knu.ua

Chair: Valery Zhdanov

09:30 – 10:10 *G. Milinevsky* 30 years of the Ukrainian Antarctic station "Akademik Vernadsky"

10:10 – 10:35 *O. Agapitov, A. Voshchepinets* Tracing the Propagation Across the Heliosphere and Triangulation of GRB221009A Based on the Multi-Spacecraft Particle Detector Observations

10:35 – 11:15 *B. Hnatyk* Search for Galactic sources of extreme energy cosmic rays

11:15 – 11:40 **Coffee Break**

11:40 – 12:20 *Yu. Shtanov* Scalaron dark matter in $f(R)$ gravity: production, evolution, and observational signatures

12:20 – 13:00 *O. Sergijenko* LISA - the first space-based gravitational wave observatory

13.00 – 14.00 *Lunch break*

14.00 – 18.00 – Sections: *Atmosphere and Ionosphere Research*

High-Energy Astrophysics, Astroparticle Physics, Relativistic Gravitation, Cosmology

ATTENTION!

Dear colleagues!

Now Russia is waging an unprovoked aggressive war to holocaust the Ukrainian people. Its latest targets are also the energy infrastructure of Ukraine, as a result, planned power outages are being carried out on the territory of Ukraine. To ensure the continuity of the conference, the sessions will be moderated by our colleagues from outside Ukraine. If you are on the territory of Ukraine, please follow three rules: 1) take care of your life and participate in meetings from a safe place; 2) charge all possible devices (power banks, phones, laptops, etc.) and install the zoom application on your communication devices from the official site <https://support.zoom.us/hc/en-us/articles/207373866-Zoom-Installers>. This will allow you to both listen to reports and present your presentations using various devices, including smartphones. 3) believe in ZSU.