

PROGRAM

International Conference "Astronomy and Space Physics in Kyiv University "
in part of the Days of science in Ukraine
23-25 May 2017

Tuesday, May 23

Conference Hall of Astronomical Observatory of Taras Shevchenko National University of Kyiv
(Kyiv, str. Observatorna 3)

9.00 – 10:00 – Registration of Participants

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

10.30 – 14.30 – Plenary Sessions

Chair: Viktor Martyniuk

10:30 – 11:15 *V.V. Kleshchonok* Klim Churyumov's scientific activities

11:15 – 12:00 *V.K. Rosenbush* Cometary science before and after Rosetta: current status and future directions

12:00 – 13:00 *Coffee break*

13:00 – 13:45 *N.N. Kiselev, D.V. Petrov* Position and maximum of linear polarization of different asteroids types: Observations and computer simulation

13:45 – 14:30 *O. Alexandrov, I. Izotova* Anniversaries of scientists-experts in the Gravitation from Astronomical observatory of the Taras Shevchenko National university

15:00 – 17.00 – Welcome party

Wednesday, May 24

9.30 – 12.30 – Plenary Sessions

Conference Hall of Astronomical Observatory of Taras Shevchenko National University of Kyiv
(Kyiv, str. Observatorna 3)

Chair: Volodymyr Efimenko

9:30 – 10:00 *N.G. Shchukina* Variable Sun: What we know about it?

10:00 – 10:30 *S.N. Osipov, R.I. Kostik, N.G. Shchukina* Long-Term Monitoring of Quiet Sun at the Ernest Gurtovenko Solar Telescope ATsU-5

10:30 – 11:00 *Yu.T. Tsap, A.V. Stepanov, Yu.G. Kopylova* On the propagation of torsional waves in the lower solar atmosphere

11:00 – 11:30 *Coffee break*

11:30 – 12:00 *M.I. Stodilka, A.V. Sukhorukov* Physical conditions in active jets of the Sun's quiet photosphere.

12:00 – 12:30 *Yu.N. Krugly* Study of the "Asteroid hazard" problem

14-00 -18-00 Section

Astroparticle Physics, Gravitation and Cosmology - Conference Hall of Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3)

Solar Physics and Solar Activity - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 18

Astrometry and Small Bodies of the Solar System - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 9

Atmosphere and Ionosphere Research - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 10

Thursday, May 25

9.30 – 12.30 – Plenary Sessions

Conference Hall of Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3)

Chair: Bogdan Hnatyk

9:30 – 10:00 B. Novosyadlyj Dynamical dark energy at cosmological and astrophysical scales (to 100 anniversary of Λ)

10:00 – 10:30 V.O. Pelykh, Yu. Taistra Exact solutions of Maxwell's equations in Kerr space-time and their analysis

10:30 – 11:00 O. Petruk, S. Orlando, M. Miceli Time-dependent particle injection and gamma-rays from Supernova remnants

11:00 – 11:30 Coffee break

11:30 – 12:00 M. P. Bashtannik, I. V. Dvoretzka, L. M. Nadtochii, M.V. Savenets Guidelines for determination of the atmosphere air quality zones in Ukraine in accordance with EU regulations

12:00 – 12:30 V. Bovchaliuk, G. Milinevsky, V. Danylevsky, P. Goloub, M. Sosonkin, Yu. Yukhymchuk, T. Podvin Properties of aerosols in the atmosphere over Kyiv from lidar and photometer observations

12:30 – 13:00 Yu. Khotyaintsev THOR: Turbulence Heating ObserveR (Exploring plasma energisation in space turbulence)

14-00 - 18-00 Section

Astroparticle Physics, Gravitation and Cosmology - Conference Hall of Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3)

Solar Physics and Solar Activity - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 18

Astrometry and Small Bodies of the Solar System - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 9

Friday, May 26

10-00 - 14-30 Section

History of Astronomy - Astronomical Observatory of Taras Shevchenko National University of Kyiv (Kyiv, str. Observatorna 3), room 10

12:00 – 12:30 Coffee break