

Section

Astrometry and small bodies of the Solar system

May 24, 2017, Wednesday

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

14.00-17.45

Chair – Rosenbush V.K.

- 14:00 – 14:15 M. Husárik **Research of interplanetary matter at Astronomical Institute of the Slovak Academy of Sciences**
- 14:15 – 14:30 O. Ivanova, V. Rosenbush, N. Kiselev, L. Kolokolova, and V. Afanasiev **Analysis of photometric, spectroscopic, and polarimetric observations of comet 67P/Churyumov–Gerasimenko**
- 14:30 – 14:45 I. Kulyk, P. Rousselot, P. Korsun, V. Afanasiev **Activity of the selected Oort Cloud comets with perihelia at large distances from the Sun**
- 14:45 – 15:00 S. Borysenko, A. Baransky, E. Kuehrt, S. Hellmich, S. Mottola, K. Meech **Broadband observations of comets in the main belt and surrounding regions**
- 15:00 – 15:15 I.V. Lukyanyk , O.V. Ivanova, E. Picazzio, O. C. de Moraes, A. A. de Almeida, S. M. Andrievsky **Photometric and Spectroscopic Observations of the Comet 29P/ Schwassmann-Wachmann 1 in August 2016**
- 15:15 – 15:30 Ponomarenko V.O., Simon A.O., Churyumov K.I., Kleschonok V.V. **Spectrophotometric researches of comets with AZT-14 in Lisnyky (2015-2017)**
- 15:30 – 15:45 Ponomarenko V.O., Hraniak V.F., Churyumov K.I., Kleschonok V.V. **Temperature peculiarities of formation and detection of fluorescent cometary continuum**
- 15:45 – 16:00 Kazantseva L.V., Shatokhina S. V., Andruk V.M **Comet in the UKRVO Joint Digital Archive and possibilities for re-processing of photographic images**

16.00 – 16.30 *Coffee break*

- 16:30 – 16:45 Guliyev R.A. **On the orbital evolution and origin of comet 67P/Churyumov-Gerasimenko**
- 16:45 – 17:00 Guliyev A.S., Guliyev R.A. **On the potential role of selected trans-neptune planetary bodies in the dynamical evolution of the long-period comets**
- 17:00 – 17:15 N.S.Kovalenko **An overview of software packages for orbital evolution modelling of meteoroids**
- 17:15 – 17:30 V. L. Karbovsky, V. V. Kleshchonok, M. I. Buromsky, V. I. Shavlovsky **The program and hardware complex for observation of occultations of stars by asteroids.**
- 17:30 – 17:45 Mikhalchenko O. I., Shevchenko V. G. **Occultation albedos of individual selected asteroids**

14.00-17.45

Chair – Lupishko D. F.

- 14:00 – 14:15 Lupishko D. F. **Generalized calibration of the scale of asteroid polarimetric albedos**
- 14:15 – 14:30 Krugly Yu.N., Molotov I.E., Inasaridze, R.Ya. et al. **Program for studying asteroids near the Earth within the framework of the international ISON network**
- 14:30 – 14:45 Kazantsev A.M., Sherbaum L.M. **The role nongravitational effects in the formation of accosiations in the asteroid belt**
- 14:45 – 15:00 Kazantsev A. and Kazantseva L. **Asteroid size distributions for the main belt and for asteroid families**
- 15:00 – 15:15 Kolomiets S.V., Voloshchuk Yu.I. **Tasks and opportunities of the Ukrainian meteor science: yesterday, today, tomorrow**
- 15:15 – 15:30 Kozak P. M. **Meteors with abnormal appearance heights by television monitoring in Kyiv**
- 15:30 – 15:45 Maigurova N.V., Pomazan A.V., Kozuhov O.M. **Results from optical CCD observations of asteroid 2014 JO25 during its close approach to the Earth on April 19, 2017**

15.45 – 16.15 *Coffee break*

- 16:15 – 16:30 Epishev V.P., Kudak V.I., Motrunich I.I., et al. **Age-related changes in the own rotation of artificial satellite under influence of the Moon and Sun**
- 16:30 – 16:45 Velichko A. B., Akhmetov V. S., Fedorov P. N. **Kinematics of our Galaxy from the PMA and TGAS catalogues**
- 16:45 – 17:00 Kazantsev A. and Kazantseva L. **On supplementing the database of earthquakes with parameters of tidal forces from cosmic bodies**
- 17:00 – 17:15 Kruchinenko V.G., Steklov A.F., Vid'machenko A.P., et al. **Lyrids 2017: the second season of successful daytime observations.**
- 17:15 – 17:45 **Poster presentation**

17.15– 17.45. Poster Session

1. Reva I.V., Krugly Yu.N., Valiullin R.R., Kusakin A.V., Krugov M.A., Molotov I.E. **Observations of asteroids at the Tien-Shan Observatory**
2. O. Shubina, O. Ivanova, E. Zubko, et al. **Dust colour variations in the comet C/2013 UQ4**
3. Protsyuk Yu.I., Kovylianska O.E., Protsyuk S.V., Maigurova N.V. **Catalogue for first epoch of circumpolar star by using images from UkrVO plate archive.**
4. Choliy V.Ya., Kazantseva L.V., Morozhenko O.V., Vidmachenko A.P., Nevodovsky P.V. **Observations of stars from the lunar surface for the study of libration.**
5. Ivanova O., Moiseev A., Afanasiev V. **[OI] emission in comet 252P/LINEAR and ground-based Fabry-Perot observations at the 6-m telescope.**
6. Neslušán L., Tomko D., Ivanova O. **Dynamical evolution of comet 29P/Schwassmann-Wachmann 1 in the Solar System.**
7. Kruchinenko V.G., Steklov A.F., Vid'machenko A.P., Dashkiev G.N., Steklov E.A. **FORECAST - PROJECT: substantiation of the possibility of morning twilight observations of the traces of meteoroid intrusions from the stream of this -Aquadrid from May 1 to 9, 2017 over Kiev and near it..**
8. Nevodovsky P.V., Steklov A.F., Dashkiev G.N., et al. **Examples of the successful work of the mobile service recording the traces of space invasions into the sky over our cities.**