

Ministry of Education and Science of Ukraine
Ukrainian Astronomical Association
Research Institute “Mykolaiv Astronomical Observatory”

International Conference
“Actual Questions of Ground-based Observational Astronomy”
Devoted to 195th anniversary of Mykolaiv Astronomical Observatory
 MAO195, September 26-29, 2016, Mykolaiv, Ukraine

Programme

September 26, Observatory Hall

14 ⁰⁰ - 17 ⁰⁰	Registration of participants
17 ⁰⁰ - 18 ⁰⁰	Guided tour to Mykolaiv Astronomical Observatory (MAO)
18 ⁰⁰ - 19 ³⁰	Reception welcome party

September 27, Observatory Hall

9 ⁰⁰ - 10 ⁰⁰	Registration
10 ⁰⁰ - 11 ³⁰	Opening - Welcome speech and report on history of MAO by O. Shulga, Director of MAO - Greetings by conference participants and guests - Presentation of awards - Common photo
11 ³⁰ - 12 ⁰⁰	<i>Coffee-break</i>
	Section I, Chairperson - Protsyuk Yu.
12 ⁰⁰ - 12 ²⁵	Fedorov P. <i>Corrections of the absolute proper motions of the XPM catalogue</i>
12 ²⁵ - 12 ⁵⁰	TANG Zheng-Hong <i>Quarter-Sky Survey Based on Rotating-Drift-Scan CCD</i>
12 ⁵⁰ - 13 ¹⁵	Eglitis I. <i>Space research in Baldone observatory</i>
13 ¹⁵ - 13 ⁴⁰	Kheifets I. <i>Astronomical observations as the key factor of the modern astronomy teacher training</i>
13 ⁴⁰ - 15 ⁰⁰	<i>Lunch Time</i>
	Section II, Chairperson - Fedorov P.
15 ⁰⁰ - 15 ²⁰	Guziy S. <i>The BOOTES of World – Wide network of robotic telescopes</i>
15 ²⁰ - 15 ⁴⁰	Velichko A. <i>Kinematic parameters of the Galaxy using the XPMc catalogue data</i>
15 ⁴⁰ - 16 ⁰⁰	Reznichenko A. <i>Automation of observations on UTR-2 and GURT radio telescopes</i>
16 ⁰⁰ - 16 ²⁰	Andruk V. <i>Star Photometry on Digitized Astronegatives</i>
16 ²⁰ - 16 ⁴⁰	Protsyuk Yu. <i>Results of modern processing of the photographic observation of Uranus and Neptune from archives of UkrVO</i>
16 ⁴⁰ - 17 ⁰⁰	Mazhaev A. <i>Astronomical web services of UkrVO</i>
17 ⁰⁰ - 17 ²⁰	Akhmetov V. <i>Modern method of create and research the large astrometric catalogs</i>
17 ²⁰ – 17 ⁵⁰	<i>Coffee-break, Poster session</i>
19 ⁰⁰ - 22 ⁰⁰	<i>Conference Dinner</i>

September 28, Observatory Hall

	Section III, Chairperson - Koshkin N.
9 ¹⁰ – 9 ³⁰	Andryeyev A. <i>The role and the place of Minor Academy of Sciences in the formation process of scientific manpower for astronomy</i>
9 ³⁰ – 9 ⁵⁰	Kozhukhov A. <i>Asteroids observations with NCSFCT'S AZT-8 telescope</i>
9 ⁵⁰ – 10 ¹⁰	Sybiryakova Y. <i>The artificial satellites observation using the complex of telescopes of Research Institute Mykolaiv Astronomical Observatory</i>
10 ¹⁰ - 10 ³⁰	Pomazan A. <i>Photometric observation of selected asteroids on Mobitel telescope of RI NAO</i>
10 ³⁰ – 11 ⁰⁰	<i>Coffee-break</i>
11 ⁰⁰ - 11 ²⁰	Bazyey O. <i>Modification of 'gauss' method</i>
11 ²⁰ - 11 ⁴⁰	LUO Hao <i>The Optical Prototype of Geo-synchronous Orbit Dynamic Monitoring System and Its Experimental Results</i>
11 ⁴⁰ - 12 ⁰⁰	Horbachova A. <i>The mutual phenomena in the system of Pluto</i>
12 ⁰⁰ - 12 ²⁰	Ivanenko N. <i>Some characteristics of binary near Earth asteroids</i>
12 ²⁰ - 12 ⁴⁰	Troianskyi V. <i>The simulation of the orbital evolution of a passive high-orbit fragment with large surface area</i>
12 ⁴⁰ - 13 ⁰⁰	Romanyuk Ya. <i>Testing of the new astronomical facilities</i>
13 ⁰⁰ - 15 ⁰⁰	<i>Lunch Time</i>
	Section IV, Chairperson - Shulga O.
15 ⁰⁰ - 15 ²⁰	Kuzkov V. <i>Direct measurement of laser ahead angles from the ARTEMIS geostationary satellite through cloud</i>
15 ²⁰ - 15 ⁴⁰	ZHAO Xiao-Fen <i>Multicolor Photometry of Geosynchronous Satellites and Application on Feature Recognition</i>
15 ⁴⁰ - 16 ⁰⁰	Koshkin N. <i>The attitude and spin rate variation of satellites and space debris measured by using photometry</i>
16 ⁰⁰ – 16 ²⁰	Gorbanev Y. <i>Exploring the relationship between meteor parameters based on TV observations</i>
16 ²⁰ - 16 ⁵⁰	<i>Coffee-break, Poster session</i>
16 ⁵⁰ – 17 ¹⁰	Golubaev A. <i>The thermal desorption of the dust particles substance near the sun</i>
17 ¹⁰ - 17 ³⁰	Kulichenko M. <i>Double station observation of faint meteors in Nikolaev</i>
17 ³⁰ - 19 ⁰⁰	<i>General Discussion</i>

September 29, Observatory Hall

	Section V, Chairperson - Reznichenko A.
9 ⁰⁰ – 9 ²⁰	Usenko I. <i>Observations of Cepheids with SALT for the analysis of metallicity gradient and local chemical composition heterogeneity in the Milky Way disk</i>
9 ²⁰ – 9 ⁴⁰	Volvach Y. <i>Methods for determining the frequency drift rate of Solar radio bursts</i>
9 ⁴⁰ - 10 ⁰⁰	Vasilkovskiy E. <i>Low-frequency radio recombination lines: observations and data processing</i>
10 ⁰⁰ - 10 ²⁰	Kaliuzhnyi M. <i>Monitoring of the orbital position of a geostationary satellite by the spatially separated reception of signals of digital satellite television</i>
10 ²⁰ - 10 ⁴⁰	Vovk V. <i>Low-Technology High-Efficiency Radio-Technical Solutions for Meteor Observations</i>
10 ⁴⁰ - 11 ⁰⁰	Bodryagin D. <i>Astrometrical Study of the Selected WDS Stars</i>
11 ⁰⁰ - 11 ³⁰	<i>Coffee-break</i>
11 ³⁰ – 13 ⁰⁰	Poster Review, Chairperson - Maigurova N.
13 ⁰⁰ - 13 ³⁰	Closing of the conference
13 ³⁰ - 14 ⁰⁰	<i>Coffee-break</i>
	Departure

List of posters

1. **Kudzej I.** The first meter telescope in Slovakia
2. **Knyaz'kova E.** Statistical analysis of the meteor observations in Odessa during 2003-2015 years
3. **Kovalchuk O.** The use of MAVO's large astronomical images databases for today's tasks solutions
4. **Kazantseva L.** Problems by assessment of accuracy at processing joint rows of digitized astronomical images obtained with different instruments
5. **Kazantseva L.** A non-gravitational effect and spin orientation of kilometre-sized main belt asteroids
6. **Maigurova N.** Effect of the reference catalog system to the asteroid positions of MPC data base
7. **Protsyuk Yu.** Catalogue of position and proper motions of stars in the vicinity of open clusters
8. **Troianskyi V.** Numerical simulation of binary and multiple asteroid systems dynamics
9. **Usenko I.** Polaris: history of pulsational activity since discovery
10. **Vovchuk Y.** The AFR-2 solar telescope modernization