

SECOND ANNOUNCEMENT

XVIII Gamow International Astronomical Conference-School
"Astronomy and beyond: Astrophysics, Cosmology and Gravitation,
Cosmomicrophysics, Radioastronomy and Astrobiology"

12 - 18 August 2018
Odessa, Ukraine

Organizers: Odessa National I.I.Mechnikov University (Astronomical Observatory, Department of Theoretical Physics and Astronomy), Institute of Radio Astronomy of NASU, Ukrainian Astronomical Association, Ukrainian Office of Euro-Asian Astronomical Society, Odessa Astronomical Society, South Scientific Centre of NASU

Scientific organizing committee

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Vice-chair

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V.V.Troyanskiy, V.A.Yuschenko

The XVIII Gamow conference-school is devoted to:

- 100th anniversary of the National Academy of Science of Ukraine (NASU);
- 150th anniversary of Prof. K.D.Pokrovskiy (Head of Odessa Astronomical Observatory from 1934th to 1944th);
- 130th anniversary of A.A.Friedmann, a creator of modern cosmology;
- 110th anniversary of V.P.Glushko, a cosmic technology constructor;
- 80th anniversary of N.S.Komarov, the founder of the astrospectroscopy group at Odessa Astronomical Observatory;
- 350th anniversary of the reflector telescope creation by I.Newton.

Main scientific topics

Cosmology, gravitation, astroparticle physics, astrophysics, radioastronomy, Solar activity and Solar-Earth interaction, Solar system, astrobiology.

Sections

1. Cosmology, gravitation, high energy astrophysics, cosmomicrophysics, (Chairmen: V.M.Shulga, B.S.Novosyadlyj).
2. Astrophysics (Chairmen: I.L.Andronov, T.V.Mishenina); subsections: astrospectroscopy (Chairman: T.V.Mishenina); astroinformatics, (Chairman: I.B.Vavilova).
3. Radioastronomy (Chairmen: O.M.Ulianov, O.A.Litvinenko); subsection: working group on advanced research (Chairman: A.A.Konovalenko).
4. Solar activity and solar-Earth interaction, astrobiology (Chairmen: V.M.Efimenko, M.I.Ryabov).
5. Solar system (Chairman: N.I.Koshkin).
6. "Ukrainian planetarium association" (Chairmen: V.A.Zahozhay, G.V.Zheleznyak) and subsection "Physical and astronomical education within the framework of the Minor Academy of Sciences of Ukraine" (Chairmen: I.L.Andronov, V.P.Olyeynik).

The conference program

The Conference Program will include:

- plenary reports dedicated to the 100th anniversary of the National Academy of Sciences and the 110th anniversary of V.P.Glushko;
- plenary sessions, as 40 minute lectures about the actual problems in astrophysics, cosmology, radioastronomy, cosmomicrophysics, gravitation and astrobiology (the list of the plenary speakers will be available in the 3rd Announcement);
- section meetings on astrophysics, cosmology and gravitation, cosmomicrophysics and radioastronomy, etc., with 15-20 minutes reports;
- subsections "Astrospectroscopy" and "Astroinformatics";
- an affiliated section of Planetary Association of Ukraine and subsection "Physical and astronomical education within the framework of the Minor Academy of Sciences of Ukraine";
- a special session devoted to the anniversary of N.S.Komarov;
- discussions.

For young participants a poster session of the short reports will be organized. The best reports will be awarded with special prizes from the Scientific and Local organizing Committee, Ukrainian Astronomical Association and Odessa Astronomical Society.

Abstracts

For Abstract example and instruction see web page www.gamow.odessa.ua. The templates of abstracts and manual about how to send them are available on the web page <http://gamow.odessa.ua/publications>. Participants who have been registered will be sent an invitation.

If there are problems with on-line downloading, the texts of abstracts can be directly sent to the publishing group or personally to Svetlana Strakhova (okioao26@gmail.com). The Scientific Organizing Committee will inform you about the inclusion of the report in the program.

Conference working languages: English, Ukrainian, Russian.

The authors of the best talks will be invited to submit their articles to "[Odessa astronomical publications](#)". The materials of the subsection "Physical and Astronomical Education within the framework of MAS of Ukraine" will be presented on the website of the Odessa Regional Branch of MAS <http://odesa.man.gov.ua/>

Conference Events

III announcement	01-08-2018
Final registration	10-07-2018
Deadline for submission of abstracts	10-07-2018
Arrival day	12-08-2018
Begining of the conference	13-08-2018
Last working day and conference closing	17-08-2018
Departure day	18-08-2018

Conference Fees

The conference fee is:

- for participants from Ukraine and Moldova: 350 UAH (150 UAH for students and PhD students, 100 UAH for accompanying persons);
- for participants from Russia, Belarus, Kazakhstan and other CIS countries: €30 (€15 for students and PhD students, €10 for accompanying persons);
- for participants from Eastern European and The Baltic States: €100 (for students, PhD students, and for accompanying persons: €20);
- for participants from Western European countries and the United States: €200 (for students, PhD students, and for accompanying persons: €100).

The registration fee includes: renting the conference hall at the Grand Marin Hotel, preparing and publishing the conference materials (program and abstracts), coffee breaks, cocktail reception and other events.

Conference Venue

Accommodation of the participants and the work of the conference-school will be held at the recreation center of the Odessa National I.I. Mechnikov University "Chernomorka", located on the seashore (15 km far away from the city center) <http://onu.edu.ua/uk/infostudents/chornomorka>.

The university has its own free beach, next to it there is a paid beach with full service. For the participants of the school and members of their families, a longer stay at the recreation center before and after the conference-school work is possible. The cost of living at the recreation center "Chernomorka" is 215 UAH per day, payment for 3 meals per day is 200 UAH. If desired, you can do without meals or pay only for dinners. Registered participants of the conference and accompanying persons pay for accommodation and meals at the recreation center "Chernomorka" upon arrival at the conference.

Those wishing to live in more comfortable conditions are invited to book rooms at the SPA hotels "Sovinyon" or "Grand Marin": <http://www.sovinyon->

resort.com.ua. Reservation of the rooms by e-mail: sovinyon-resort@mail.ru. Phone for reference: (+38 048 719-09-14). Grand Marin SPA hotel: 15% discount for conference participants. <http://www.grand-marine.com.ua>, reception@grand-marine.com.ua .

The additional information is available here: <http://gamow.odessa.ua/logistics>.

Cultural Events

There will be available a lot of different cultural and social events, like visiting of Opera Theatre, the "Shustov" cognac museum, Tairov Institute of Viticulture and Winemaking, a variety of tours around the city and the coast, dolphinarium "Nemo", boat trip along the coast etc.

Contacts

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