

FIRST ANNOUNCEMENT

XVIII Gamow international astronomical conference-school
"Astronomy and beyond: astrophysics, cosmology and
gravitation, cosmomicrophysics, radioastronomy and
astrobiology"

12 - 18 August 2018
Ukraine, Odessa

Scientific organizing committee

Co-chairs of SOC

G.S.Bisnovaty-Kogan (SRI RAS, Moscow, Russia, gkogan@iki.rssi.ru)
V.M.Shulga (IRA NASU, Kharkov, Ukraine, shulga@rian.kharkov.ua)

Vice-chair

M.I.Ryabov (IRA NASU, Odessa, Ukraine, ryabov-uran@ukr.net)

Secretary: S.M.Melikyants (AO ONU, Odessa, Ukraine,
sedamelikk@gmail.com)

Members of SOC

S.M.Andrievsky, I.L.Andronov, N.G.Bochkarev, A.M.Cherepashchuk,
A.D.Chernin, V.A.Ivanitsa, A.A.Konovalenko, V.V.Kovtyuh, T.V.Mishenina,
V.N.Obridko, I.B.Vavylova, Ya.S.Yatskiv, A.G.Zagorodny, V.V.Zaharenko,
V.A.Zahozhay

The XVIII Gamow conference-school is devoted to:

- the 100th anniversary of the National Academy of Science of Ukraine (NASU);
- the 150th anniversary of Prof. K.D.Pokrovskiy (the head of Odessa Astronomical Observatory from 1934th to 1944th);

- the 130th anniversary of the creator of modern cosmology A.A.Friedmann;
- the 110th anniversary of cosmic technology constructor V.P.Glushko;
- the 80th anniversary of the founder of astrospectroscopy group in Odessa N.S.Komarov;
- the 350th anniversary of creation of the reflector telescope by I.Newton.

Main scientific topics

Scientific topics: cosmology, gravitation, astroparticle physics, astrophysics, radioastronomy, Solar activity and Solar-Earth interaction, Solar system, astrobiology.

The conference program

The Conference Program will be organized in the form of:

- plenary session - the 40 minutes lectures about the actual problems of astrophysics, cosmology, radioastronomy, cosmomicrophysics and gravitation (the list of the plenary speakers will be available in the 2nd Announcement);
- section meetings in astrophysics, cosmology and gravitation, cosmomicrophysics and radioastronomy etc with 15-20 minutes reports;
- the subsection "Astroinformatics";
- the affiliate section of Planetary Association of Ukraine about the astronomical education;
- the special sessions and subsections in cosmology, astrophysics and section devoted to the anniversary of N.S.Komarov;
- discussions;
- etc.

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

Abstracts

The templates of abstracts and manual about how to send them are available on <http://gamow.odessa.ua/publications>.

Conference working languages: english, ukrainian, russian.

The authors of the best speeches will be invited to submit the articles to "[Odessa astronomical publications](#)".

Conference Events

Preliminary registration	15-04-2018
II announcement	01-06-2018
III announcement	01-08-2018
Final registration	15-06-2018
Abstract submission	15-06-2016
Arrival day	12-08-2018
Begin of the conference	13-08-2018
Last working day and conference closing	17-08-2018
Day of departure	18-08-2018

Conference Venue

The Conference and School will be held in the Sports and Recreation Centre of Odessa National University "Chernomorka" on the bank of the Black Sea (15 km far from the center of the city). Participants will have the possibility to live either in the Chernomorka or in a comfortable pension "Soviniyon" and a SPA hotel "Grand Marine".

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 House, a variety of tours around the city and the coast, dolphinarium "Nemo", aquarium, boat trips along the coast etc.

Contacts

Astronomical Observatory, Odessa National University named after I.I.Mechnikov, Odessa, Ukraine, str. Marazlievska, 1v

Phone: +38 048 7220396,

Fax: +38 048 7228442

SOC: ryabov-uran@ukr.net

LOC: plpnko@ukr.net

Secretary: sedamelikk@gmail.com

Web-site: <http://gamow.odessa.ua>

