

FIRST ANNOUNCEMENT

6th Gamow International Conference in Odessa: "New Trends in Astrophysics, Cosmology and Radioastronomy after Gamow" and
19th Gamow Summer School: "Astronomy and beyond: Astrophysics, Cosmology, Radioastronomy and Astrobiology"

11 – 18 August, 2019
Odessa, Ukraine

Organizers

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

Scientific organizing committee

Co-chairs of SOC

G.S.Bisnovatyi-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)

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The Conference and Gamow's School are devoted to the 115th anniversary of George Gamow.

Scientific topics

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

General information

These Conference and School are devoted to the 115th anniversary of Georgij (George) Antonovich Gamow, one of the greatest physicists and cosmologists of the 20th century. Gamow made an important and decisive contribution to modern physics, cosmology and biology. His three most significant contributions to these fields are:

- Discovery of the quantum nature of alpha-decay in nuclear physics (1928).
- Theory of the Hot Universe (1946-1953).
- Clue to the genetic code in biology (1954).

George Gamow was born in Odessa. Here, after the completion of a secondary school, he was, for two years, a student at Novorossiisk University of Odessa. Wherever Gamow lived later, he retained his character and his sharp Odessian humor.

During the conference, the participants will be offered sightseeing tours around Odessa, to see and feel its colour and to walk along the Gamow places described in his book "My World Line: an Informal Autobiography".

These Conference and School will be the 6th Gamow Conference in Odessa, after those in 1994, 1999, 2004, 2009, 2015, and the 19th annual Gamow School (starting from 2001). We intend to bring together experts, interested scientists and students in the fields of modern astrophysics, cosmology, high energy physics and biology in order to discuss the most recent developments

and problems related to the conference topics, exchange ideas, and review major experimental and theoretical efforts. The program will consist of series of coordinated review lectures supplemented by short reports, poster presentations and discussions of the hottest problems of the observable Universe. The working language is English.

Conference Events

Preliminary registration	30-04-2019
II announcement	15-05-2019
III announcement	15-07-2019
Final registration	15-06-2019
Abstract submission	15-06-2019
Arrival day	11-08-2019
Begin of the conference	12-08-2019
Last working day and conference closing	16-08-2019
Day of departure	18-08-2019

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".

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>