

PRELIMINARY INFORMATION

XX Gamow International Astronomical Conference-School

"ASTRONOMY AND BEYOND: ASTROPHYSICS, COSMOLOGY AND GRAVITATION, ASTROPARTICLE PHYSICS, HIGH ENERGY PHYSICS, RADIO ASTRONOMY,, ASTROBIOLOGY"



9- 16 August, 2020

Odessa, Ukraine

The Conference page: <http://gamow.odessa.ua/>

The XXth Gamow conference-school is devoted to:

155th anniversary of the Odessa I.I.Mechnikov National University

55th anniversary of the discovery of cosmic microwave background radiation of the Universe

140th anniversary of prof. A.Ya.Orlov (Head of the Odessa Astronomical Observatory in 1913–1944)

170th anniversary of prof A.K.Kononovich (Head of the Odessa Astronomical Observatory in 1881 – 1911).

SECTIONS:

- 1. Cosmology, gravitation, astroparticle physics, high energy physics.**
- 2. Astrophysics and Subsection "Astroinformatics"**
- 3. Radio astronomy**
- 4. Sun, Solar activity, Solar-terrestrial relations and Astrobiology**

5. Solar system and space environment

6. Biologic section "The Importance of Gamow's Ideas for Biology in the 21st Century"

SCIENTIFIC TOPICS:

Cosmology, gravitation, astroparticle physics, high energy physics, astrophysics, plasma astrophysics, radio astronomy, solar activity, solar system, astrobiology, biology.

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-chairs:

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:

V.M.Adamyany (ONU, Odessa), S.M.Andrievsky (ONU, Odessa), I.L.Andronov (ONMU, Odessa), N.G.Bochkarev (SAI MSU, Moscow), S.Chakrabarti (S.N. Bose National Centre for Basic Sciences, Kolkata, India), P.Chardonnet (Universit de Savoie, Annecy-le-Vieux Cedex, France), M. Capaccioli (Naples University, Italy), A.M.Cherepashchuk (SAI MSU, Moscow), A.D.Chernin (SAI MSU, Moscow), L.L. Jenkovszky (ITP, Kiev), K.Georgieva (Space Research and Technologies Institute, Sofia, Bulgaria), A.A.Konovalenko (IRA NASU, Kharkov), N.I.Koshkin (ONU, Odessa), A.Kosovichev (Stanford University, USA), I.Kudzej (Vihorlat observatory Humenne, SLOVAKIA) T.V Mishenina (ONU, Odessa), V.N.Obridko (IZMIRAN, Moscow), S.Silich (INAOE, Puebla, Mexico), A.V.Stepanov (Pulkovo Observatory RAS, Saint-Petersburg), I.B.Vavilova (MAO NANU), Y.S.Yatskiv (President of UAA, Kiev) , V.V Zakharenko (IRA NASU, Kharkov), A.I. Zhuk (ONU , Odessa), I.Shmeld (VIRAC, Latvia) , O.M.Ulyanov (IRA NASU).

LOCAL ORGANIZING COMMITTEE:

Chair: I.N.Koval (Rector of ONU)

Vice-Chair: M.I. Ryabov, V.P.Olyeynik

Secretary: A.A Pilipenko

Members of LOC: A.Yu. Burgazli, A.V.Chopovsky, T.I.Kabanova, A.Gorbunov, V.Komendant, N.I.Koshkin, , L.S.Kudashkina, S.M Melikyants, B.A.Murnikov, , S.L.Strakhova, A.L.Sukharev, V.O.Yushenko, L.I.Sobitnyk.

Main Events :

Preliminary information	1 March
1 Announcement	10 March
Open Registration	15 March
2 Announcement	10 May
3 Announcement	15 July
Final registration	30 June (deadline)
Abstract submission	30 June (deadline)
Arrival day	9 August
The Conference opening	10 August
The Conference closing	14 August
Excursions day	15 August
Departure day	16 August

The Conference agenda includes plenary talks (30-40 min), oral contributions (15-20 min), and posters - 1 page of the A1 format (60x84 cm) or up to 8 pages of the A4 format. For poster contributions, there will be also a possibility to present the results orally – (5-10 min). All presentations have to be in English.

Agenda:

Plenary session to be held in Conference halls (SPA hotel “Grand Marine”) will be equipped by multimedia projectors. Wi-Fi connection is available.

Publications:

Templates of abstracts can be found on the Conference webpage. Detail information about the format of the abstracts Conference publications will be provided in the 1 Announcement.

The plenary and section reports of the Conference will be published in the «Odessa Astronomical Publications» (<http://oap.onu.edu.ua/>) this year.

Attention! Only papers that were presented on the Conference will be published.

Detail information about the format of the Conference publications will be provided in the 3-rd Announcement.

Conference venue:

The Conference and School will be held in the Sports and Recreation Centre of the Odessa National University "Chernomorka" on the bank of the Black Sea, in a comfortable SPA hotel "Grand Marine": (N.B.: The hotel provides a 20% discount to conference participants when booking through their website) <http://www.grand-marine.com.ua>, reception@grand-marine.com.ua (phone: + 38 048 728-80-20) or in a pension "Sovinyon": <http://www.sovinyon-resort.com.ua>, sovinyon-resort@mail.ru (phone: +380 48 719-09-14)

For more details regarding the Conference and School, please contact us:

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