

Amateur astronomy in Russia



Semenets N. 28.07.2019r Cygnus Astro Festival Hamina Finland

In Russia there are about 60 astronomical observatories, 10 universities with astronomical departments, 1000 professional astronomers and several tens of thousands of astronomy fans [

Astronomical Observatories of Russia



Astronomical events

Amateur:

Astrofest

Siberian Astronomical Forum

Astroslet Mezmay and Solar Wind



Astronomical clubs, clubs and associations

AGO (Astronomical and Geodesic Association, formerly VAGO)

MAK (**Moscow** Astronomical Club)

The Urania astronomy community (**Moscow**, Sokolniki)

SPAGO St. Petersburg

Nizhny Novgorod club LA (Imperial Russia)

Department of Astronomy and Astronautics MGDDYUT Moscow

Department of Astronomy DNTTM **Moscow**

Novosibirsk Regional Public Organization "**Novosibirsk** Astronomical Society"

Club of Astronomy at **Gorno-Altai** State University

Astronomical Circle at the **Moscow** Planetarium

Astro School at GAISH, **Moscow**

Astroschool at the Institute of Solar-Terrestrial Physics of the Siberian Branch of the Russian Academy of Sciences, **Irkutsk**

Circle in FML №131 **Kazan** Astronomical club "Lira",

Kazan Federal University, **Kazan**

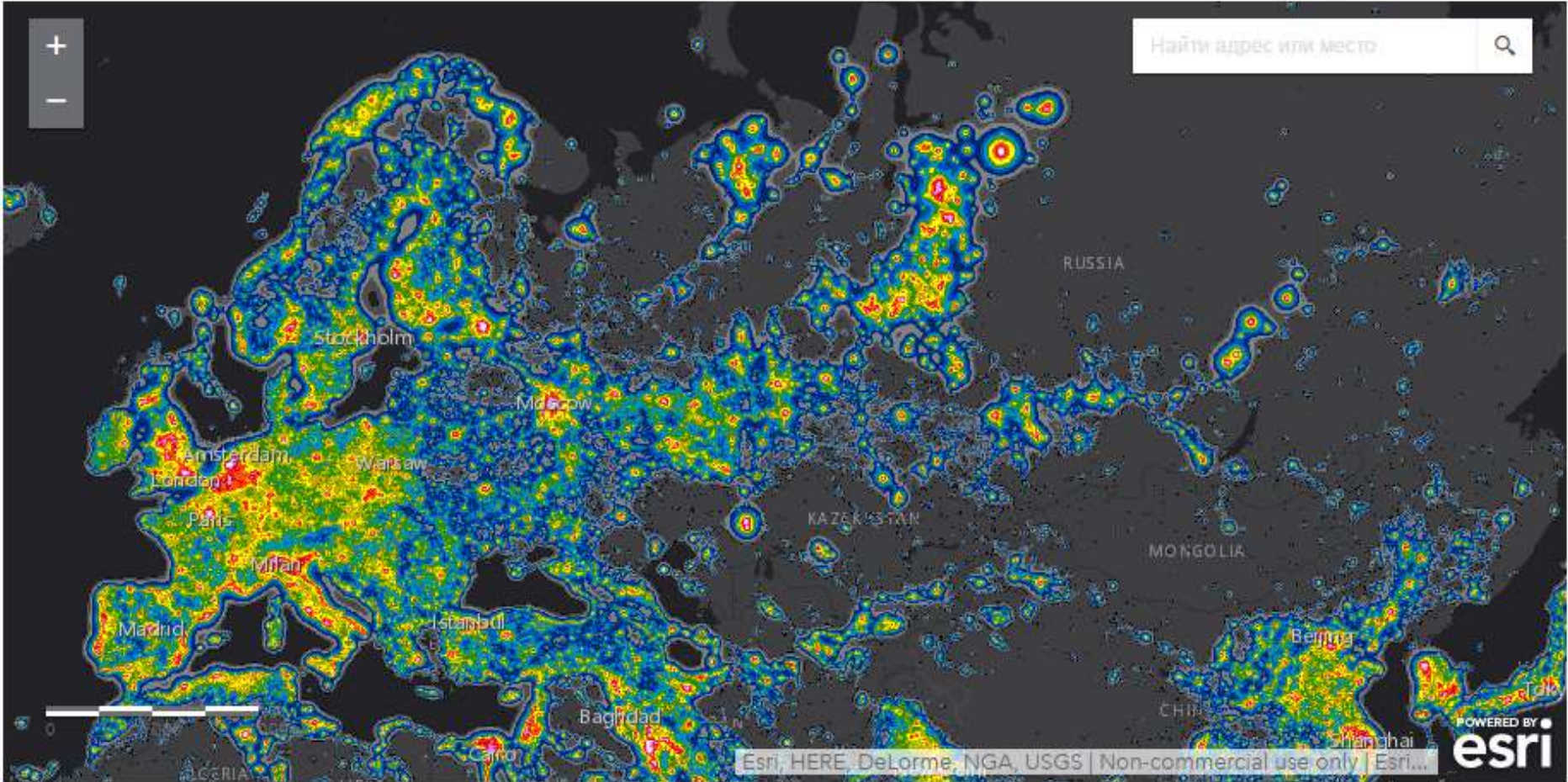
Krasnoyarsk Astronomical Club

Astronomical club "Asterion", **Petrozavodsk**

Russia



Map of light pollution in Europe and Russia



Periodic Astronomical Editions

Amateur:

Earth and the Universe Stargazer (produced from 1994 to 2005) Universe, Space and Time (issued in Russian in Ukraine) Astro Info Ka-Dar (produced from 2005 to 2008)

Electronic editions:

Firmament

Astronomical newspaper



Communication lovers of astronomy in Russia

<https://astronomy.ru/forum/index.php>

The screenshot shows a web browser window displaying the Astronomy Forum website. The browser's address bar shows the URL <https://astronomy.ru/forum/index.php>. The website header features the logo "астро форум" with a moon icon. Below the logo, there is a navigation menu with links: "Начало", "Форум", "Вики", "Помощь", "Правила", "Поиск", "Галерея", "Вход", and "Регистрация". A search bar is located in the top right corner, with a dropdown menu set to "По форуму" and a "Поиск" button. A notification banner reads "ВНИМАНИЕ! На форуме начался конкурс - Астрофотография месяца ИЮЛЬ!". A dark blue button labeled "Магазин телескопов" with a right-pointing arrow is positioned on the right side. The main content area is titled "Астрофорум - астрономический портал" and features a section "Темы, интересные всем". The first topic listed is "Новости астрономии и космонавтики", with a description "Что нового в науке и технике?", moderators "Karen, recarrion, LeMay", and statistics of 197 205 messages and 2 663 topics. The last reply is attributed to Demidrol in a thread about cosmic agencies, dated today at 01:27:43. The Windows taskbar at the bottom shows the Start button, open applications (Astronomy Forum, Microsoft PowerPoint), and system tray icons (RU, network, volume, 1:50).

Астрофорум – астрономический портал

Добро пожаловать, **Гость**. Пожалуйста, войдите или зарегистрируйтесь.
Не получили письмо с кодом активации?

Поиск

Новости:
ВНИМАНИЕ! На форуме начался конкурс - Астрофотография месяца ИЮЛЬ!

Начало **Форум** Вики Помощь Правила Поиск Галерея Вход Регистрация

Магазин телескопов >

Астрофорум – астрономический портал

Темы, интересные всем

	Новости астрономии и космонавтики Что нового в науке и технике? Модераторы: Karen, recarrion, LeMay	197 205 Сообщений 2 663 Тем	Последний ответ от Demidrol в Re: Стратегии космических агентств Сегодня в 01:27:43
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ПУСК | Астрофорум – астро... | Microsoft PowerPoint ... | RU | 1:50

Forum statistics

4,310,372 Posts in 90,293 Topics by 34,038 Users. Last User: technotron Last Post: "Re: Buy Samyang 35 \ 1.4 for Canon, Astronomik UHC ..." (Today at 01:37:59)

Online now 83 Guests, 38 Users (5 Hidden)

The screenshot shows the homepage of the Astronomy.ru forum. The browser address bar displays the URL <https://astronomy.ru/forum/index.php>. The page features a navigation menu with links for 'Сервисы', 'Internet Explorer не мо...', 'Биатлон', 'Рекомендуемые сайты', and 'Войти'. The main content area is organized into several sections, each with a folder icon, a title, a description, moderator names, and statistics on messages and topics. The 'Астрофотография' section has 322,556 messages and 3,853 topics. The 'Астрономия и компьютеры' section has 73,681 messages and 2,923 topics. The 'Астрономические мероприятия' section is highlighted in blue and contains three sub-sections: 'Астрономические мероприятия, экспедиции, выезды, слеты' (100,865 messages, 850 topics), 'АстроФест' (29,565 messages, 465 topics), and 'Астрономические клубы, поиск единомышленников' (232,444 messages, 560 topics). The Windows taskbar at the bottom shows the 'Пуск' button and active windows for 'Астрофорум – астро...' and 'Microsoft PowerPoint ...'.

	Астрофотография Получение и обработка фотографий небесных объектов. Модераторы: Аурогыч, Павел Бахтинов, Ivan Mhitarov	322 556 Сообщений 3 853 Тем	Последний ответ от Sanni в Re: Галактики Сегодня в 00:45:55
Подразделы: Архив конкурса астрофотографии			
	Астрономия и компьютеры Астрософт, астрономические ресурсы в сети. Модераторы: Deimos, Ed_Vazhorov	73 681 Сообщений 2 923 Тем	Последний ответ от p.v. в Re: Задача про дебайеризацию Вчера в 22:07:00
Астрономические мероприятия			
	Астрономические мероприятия, экспедиции, выезды, слеты Обсуждаем астрономические экспедиции, совместные выезды и другие любительские мероприятия. Модераторы: Андрей Остапенко, Ivan Mhitarov	100 865 Сообщений 850 Тем	Последний ответ от Алексей KRR в Re: Уютное местечко для активной астрономической с... Сегодня в 01:30:54
	АстроФест Ежегодный фестиваль астрономии "АстроФест". Модераторы: Андрей Остапенко, Ivan Mhitarov	29 565 Сообщений 465 Тем	Последний ответ от Rabbit в Re: Астрофест-2019: Видеозаписи докладов 03 Июл 2019 [19:27:24]
	Астрономические клубы, поиск единомышленников Клубная работа любителей, совместные проекты, поиск и объединение ЛА по месту жительства. Модераторы: Андрей Остапенко, Инна, Ivan Mhitarov	232 444 Сообщений 560 Тем	Последний ответ от Анатолий Баскаков в Re: ЛА Челябинской области Сегодня в 00:05:48

Russian stationary planetariums

Moscow Planetarium

Volgograd Planetarium

Small Novosibirsk Planetarium SGUiT

Big Novosibirsk Planetarium

Irkutsk Planetarium



Moscow Planetarium





AstroFest is the largest annual astronomical festival on the territory of the former USSR, traditionally held in the Moscow region in spring in April or May since 1999. The number of participants reaches 1,100 people. The idea of the festival belongs to the Moscow astronomy fan Andrei Ostapenko.



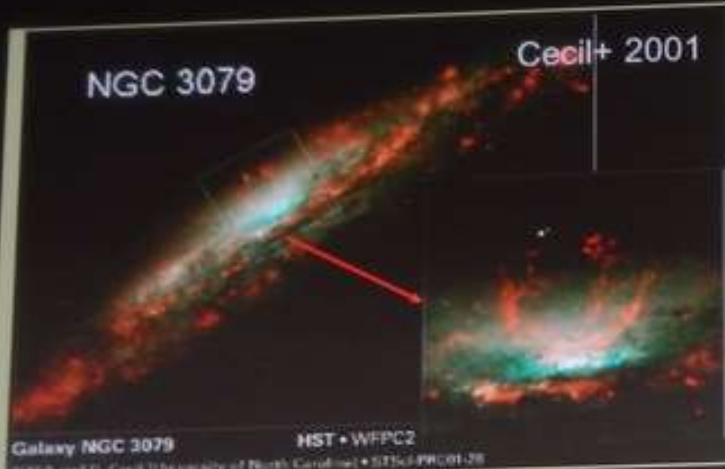
АСТРОФЕСТ 2018



AstroFest

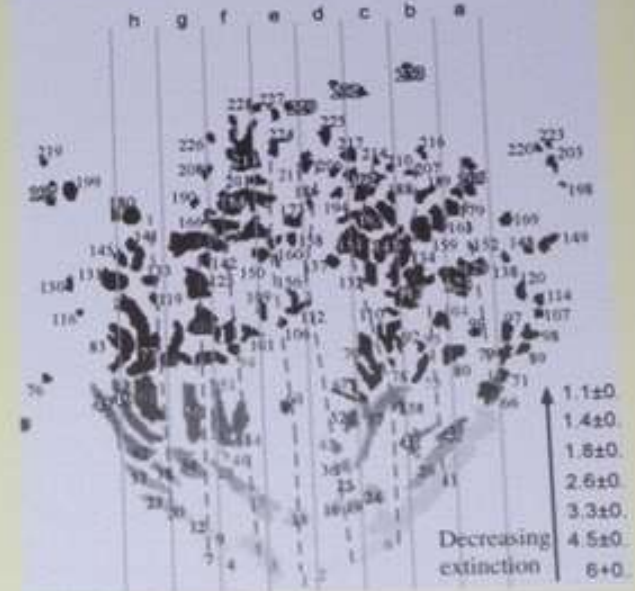


Lectures



рентген: $T \sim 1$ млн. К

+оптика: $\sim 10\ 000$ К



оптика+ радио



Astrofest (Moscow region) Night observations





Moscow Astronomical Club (MAK)



Activities of the Moscow Astronomical Club

- IAC meetings
- Lecture Hall MAC
- Pavement Astronomy

- Departures under the dark sky
- Astronomical Festivals
- Own observational base

SPAGO Astronomical Club (St. Petersburg)





Astronomical observations in the town



watching the city in the dark sky

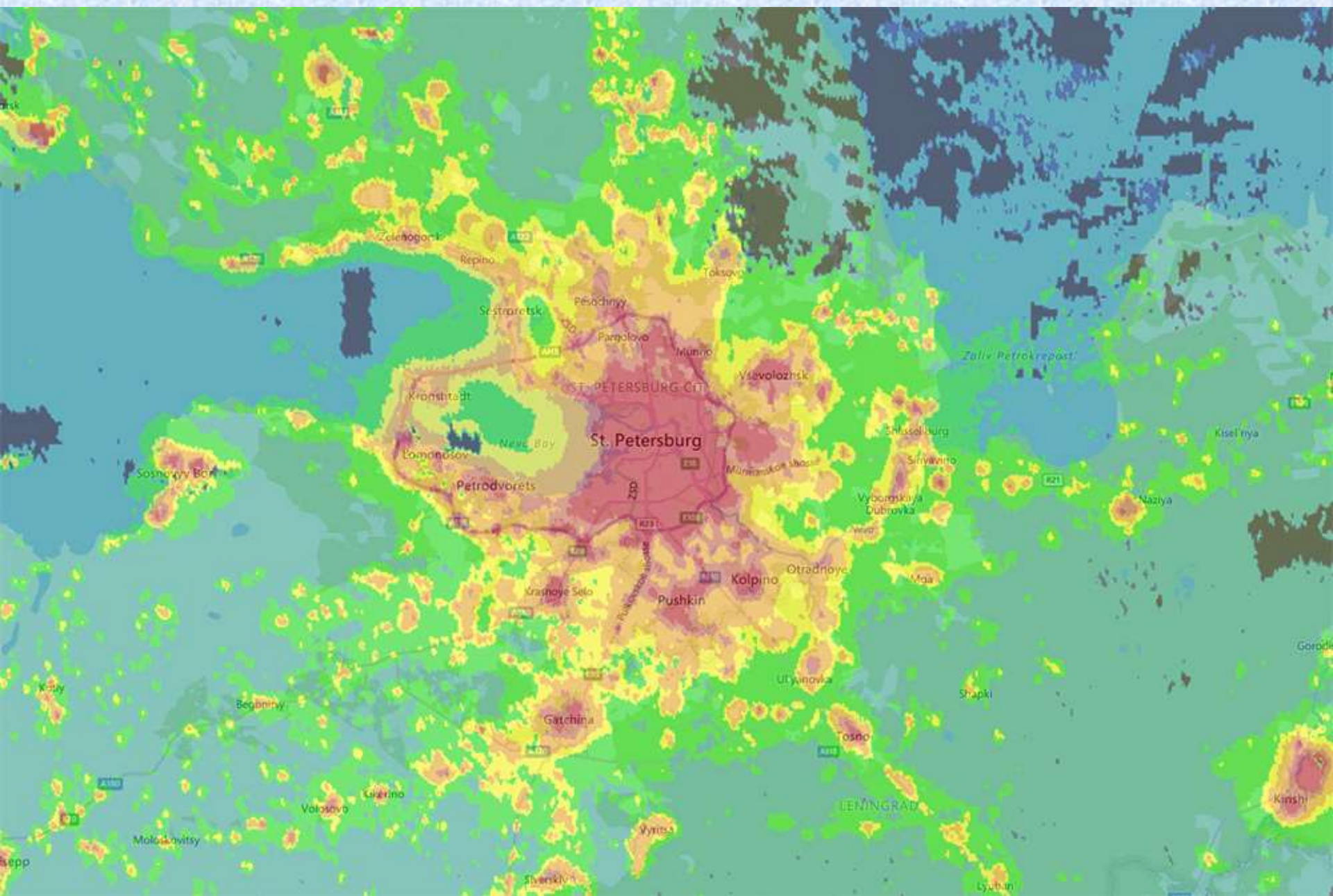


Folk observations



St. Petersburg

Light map



The **Ka-Dar Observatory** is an open-access, private astronomy observatory for astronomers and those interested in observing the starry sky established by the Ka-Dar Research Center in 2004. Located in the village of Kuzminskoye near Barybino, Moscow region.



Telescopes

MEADE 14" (D=350mm, F=3500mm)

MEADE 8" (D=200mm, F=2000mm)

Vixen 103mm APO (D=103mm, F=795mm)

ED80 (D=80mm, F=600mm)

Астросиб RC500 (D=500mm, F=4000mm)

DSLR, CCD cameras and other receivers

Canon EOS 350D

SBIG STL-11000M

FLI Proline 16803 (4096×4096, 9 micron)

Binoculars



Homemade telescope









Observatory "Star Sails", with a warm room on the north side.

Elektrogorsk (Moscow region), yellow zone, 2010

N-SW250mm; N-320mm



Amateur Observatory in the Krasnoyarsk Territory.

with sliding roof



CONSTRUCTION OF THE HOLIDAY OBSERVATORY IN KEMEROVO





путешествуй за знаниями!



Астроверты
клуб научных путешествий

**2019
2020**



Science&Travel AstroAlert Intellecttour



Travel Plan for 2019 - 2020:

- * August 19 - 25: AstroCrym: on the dark coast of the warm sea! (75% of the places are occupied)
- September 22 - 29 and September 29 - October 6: Hunting for the Northern Lights on the coast of the Arctic! (without frost and cold !!!, 70% of the places are occupied)
- October 27 - November 2: Arkhyz: Golden autumn in the mountain observatory-2019
- * September 25: Starting from Baikonur: “Union of MS-15”
- * December 11 - 26: The hunt for the ring of fire! Observation of a ring-shaped solar eclipse in India Goa
- * 28.12 - 03.01 and January 3 - 9: NG in Murmansk: A polar night with auroras!
- * December 28 - 03.01 and January 3 - 9: Arkhyz! New year above the clouds 2020
- * 28.12 - 03.01: New year 2020 at the Crimean Observatory!

The BTA (“large azimuth telescope”) is the largest optical telescope in Eurasia with a 6m monolithic main mirror. It is installed in the Special Astrophysical Observatory. (Lower Arkhyz)



Astro Channel. Amateur Astronomy - Blogging

Vologda



<https://www.youtube.com/user/AstroSmit>

Astrophoto





Telescope : Sky-Watcher QUATTRO-8S mount : Sky-Watcher NEQ6 Pro
Camera : ZWO ASI1600MM-Cool T
telescope guide: Celestron 80/400
Camera : ZWO ASI120MM Корректор комы: GPU f/4
Filters : Baader SII, Ha, OIII 1.25"

Used programs: Shooting: APT, PHD2. Calibration, addition, post-processing: PixInsight
1.8 Place, time, frames: June 17 - July 8, 2019, Azov
H-alpha — 81x600 sec OIII — 75x600 sec. SII — 51x600 sec.
General exposure 34 hours 30 minutes Red zone of illumination