



30-31 March

Kashcheyev Seminar 2021

Kharkiv, Ukraine

**Ministry of Education and Science of Ukraine**  
**KHARKIV NATIONAL UNIVERSITY OF RADIO ELECTRONICS (NURE)**  
Ukrainian Astronomical Association  
Department of Astronomy and Space Informatics and Institute of Astronomy of  
V.N. Karazin Kharkiv National University  
Radio Astronomy Institute of the National Academy of Sciences of Ukraine

**IV INTERNATIONAL SCIENCE CONFERENCE-SEMINAR (online format)**  
**« METEORS AND CELESTIAL OBJECTS, WEATHER AND SPACE: FROM DATA**  
**AND TECHNOLOGY TO HERITAGE AND DEVELOPMENT” (shortly Kashcheyev**  
**Seminar 2021)**

Working languages of the Kashcheyev Seminar 2021 are English, Ukrainian, Russian.

**Information Letter N 1**

In accordance with the planned activities of the Ministry of Education and Science and the order of the rector of the NURE university under N 76 of February 26, 2021, Kharkiv National University of Radio Electronics is holding the **4th international scientific conference-seminar “Kashcheyev Seminar 2021” on March 30-31, 2021. The format** for holding conferences of the Kashcheyev Seminar 2021 in accordance with the quarantine regime **is online.**

The Kashcheyev Seminar 2021 is devoted to three anniversaries: 1) 100 years since the birth of B.L. Kashcheyev (1920-2004); 2) 80 years since the birth of Voloshchuk Yu.I. (1941-2019); 3) 50 years since the beginning of meteor research in NURE (1971); 4) 90th anniversary of NURE.

**The Kharkiv National University of RadioElectronics together with SOC&LOC invite** scientists, researchers, professors and teachers, students, postgraduates and young scientists, professionals and amateurs as well as all those interested to take part in the IV International science conference - seminar (**online format**) «METEORS AND CELESTIAL OBJECTS, WEATHER AND SPACE: FROM DATA AND TECHNOLOGY TO HERITAGE AND DEVELOPMENT» which will be held March 30-31, 2021.

[\(https://kashcheyevseminar.org.ua/en/home-en/\)](https://kashcheyevseminar.org.ua/en/home-en/)

***TO PARTICIPATE IN THE WORK OF THE CONFERENCE should:***

***- for listeners and speakers:***

1) Complete and submit the registration form / **REGISTRATION IS FREE!//**

(Web-page: <https://kashcheyevseminar.org.ua/en/pre-registration/>);

- *for speakers:*

- 2a) Record video presentation using Zoom so that the presenter can be seen
- 2b) To send a link to your video presentation after uploading your video presentation to YouTube, from 5 to 15 minutes on e-mail : [kashcheyevSeminar@gmail.com](mailto:kashcheyevSeminar@gmail.com);
- 3a) To send the presentation itself (e.g., made in PowerPoint / PDF) e-mail: [kashcheyevSeminar@gmail.com](mailto:kashcheyevSeminar@gmail.com).
- 3b) Send an explanatory speech for each slide as text (for captions in different languages during the broadcast), or insert speeches in the presentation as comments on each slide.

- *for speakers and listeners which already registered:*

- 4) Get in touch at the appointed time during March 30-31, 2021 to participate in Google meet video conference (instructions will be sent later).

Abstracts of reports will be published in the Abstracts e-book.

**DEADLINE for Registration + titles of reports, sending video presentations, ending of abstracts submission: March 15, 2021.**

This additional information will be published in the electronic book of theses.

## **THEMES OF CONFERENCE**

- 1. Radio meteors and meteor research.
- 2. Modern problems of meteor research. Ecology.
- 3. Study of Small bodies of the Solar system. Impact events.
- 4. Dust disks of planetary systems. Exoplanets. Celestial objects.
- 5. Databases, processing technologies, virtual observatories. Astroinformatics.
- 6. Space research in the Solar system. Space weather. Far space.
- 7. Earth's atmosphere: geophysical issues and the environment. Geospace.
- 8. Meteor radars and applied aspects. History. Heritage. Study. Development.

## **Scientific (Program) and Local Committees / SOC&LOC:**

**Chair: Semenets V.V.**, rector of NURE (Kharkiv, Ukraine);

**Vice Chairs (NURE, Kharkiv, Ukraine) :** *Ruban I.V.*, First Vice-Rector / *Rossikhin V.V.*, Vice-Rector for Innovative Corporate Work and Administration / *Omarov M.A.*, Vice-Rector on International Cooperation / *Neofitnyi M.V.* Vice-Rector for Scientific and

Research Work / *Antipov I.Y.*, Head of the Department of Computer Radio Engineering and Technical Information Security Systems, Scientific Supervisor of the Balakliyskiy Geophysical Complex / *Kolomiyets S.V.*, Head of Radio Astronomy Research Laboratory named B.L. Kashcheyev of Research Department

**Members of SOC:** *from Ukraine, Kharkiv:* 1) *NURE* : *Vorgul O.V.*, *Kartashov V.M.*, *Korablev M.M.*, *Luchaninov A.I.*, *Oleynikov A.M.*, *Oleynikov V.M.*, *Chumakov V.S.*, *Hahanov V.I.* 2) Institute of Astronomy of V.N. Karazin Kharkiv National University: **Belskaya I.N.**, **Lupishko D.F.**, **Shkuratov Yu. G.** 3) Radio Astronomy Institute of the NAS of Ukraine: **Konovalenko O.O.**; 4) A. Usikov Institute of Radio Physics and Electronics of the NAS of Ukraine: **Masalov S.O.**

*from Ukraine, Kyiv:* 1) National Aviation University: **Zheleznyak O.O.** 2) Main Astronomical Observatory of the NAS of Ukraine: **Vavilova I.B.**, **Yatskiv Y.S.** 3) Astronomical Observatory of Taras Shevchenko National University of Kyiv: **Luk'yanyk I.V.** 4) State Institution "Scientific Centre for Aerospace Research of the Earth of the Institute of Geological Sciences of the NAS of Ukraine: **Stankevich S.A.**

*from Ukraine, Lviv:* Lviv Polytechnic National University: **Skulsky. M.Yu**

*from Ukraine, Mykolaiv:* Research Institute "Nikolaev Astronomical Observatory" **Shulga O.V.**

*from Ukraine, Odesa:* Odessa Astronomical Observatory "Research Institute" of Odessa I. I. Mechnikov National University: **Gorbanev Yu.M.**

**Guliyev A.S.** (Shamakhy Astrophysical observatory, Baku, Azerbaijan), **Hearnshaw J.B.** (University of Canterbury, Christchurch, New Zealand), **Diego Janches** (President Commission F1: Meteors, Meteorites and Interplanetary Dust, NASA/GSFC\*\*, Greenbelt, Maryland, USA), · **Kokhirova G.I** (Institute of Astrophysics of AS of Republic of Tajikistan, Dushanbe, Tajikistan), **Koschny Detlef** (ESA\*\*\*, Noordwijk, Netherlands)

\*NASA-National Aeronautics and Space Administration; \*\* GSFC-Goddard Space Flight Center; \*\*\*ESA-European Space Agency

**Members of LOC:** *from NURE:* *Bezruk V.M.*, *Vedmid G.V.*, *Voloshchuk O.B.*, *Vorgul O.V.*, *Severin I.S.*, *Gryshenko T.B.*, *Dokhov O.I.*, *Zarytskyi V.I.*, *Yeremenko O.S.*, *Efimov E.O.*, *Kartashov V.M.*, *Kobylin O.A.*, *Kovalenko O.M.*, *Kolisnyk M.M.*, *Lukianenko V.L.*, *Luchaninov A.I.*, *Myliutchenko I.O.*, *Murashko O.S.*, *Romasko D.V.*, *Romanov Yu.M.*, *Rudenko O.G.*, *Sakalo S.M.*, *Samsonkin O.M.*, *Suknov M.P.*, *Svyd I.V.*, *Suprun O.O.*, *Tyhonenko L.O.*, *Tkachova T.S.*, *Kharchenko O.I.*, *Khrustalev K.L.*, *Tsopa O.I.*, *Chumakov V.I.*, *Frolov A.V.*, *Shekhovtsov A.I.*, *Shkarlet O.I.*; *from IA of Karazin National University:* *Kaydash V.G.*, *Golubaev O.V.*, *Golubov O.A.*; *from IRA of NAS of Ukraine:* *Zakharenko V.V.*, *Kashcheev S.B.*; *from UAA:* *Luk'yanyk I.V.*

**Secretariat:**

Kolomiyets S.V. (Scientist secretary), Kyrychenko I.Yu. (Technical secretary), Pavlenko O.M., Brodetsky F.O., Pryimachov Yu.D.

**ORGANIZING COMMITTEE ADDRESS:**

NURE, 14, Nauky Ave., Kharkiv, Ukraine, 61166

Secretariat address: Radio Astronomy Research Laboratory named B.L. Kashcheyev of Research Department (Room 510), NURE, 14, Nauky Ave., Kharkiv, Ukraine, 61166

E-mail : [kashcheyevSeminar@gmail.com](mailto:kashcheyevSeminar@gmail.com)

Web - site: 1) NURE <https://nure.ua/en/> 2) Kashcheyev Seminar 2021  
<https://kashcheyevseminar.org.ua/en/home-en/>