



"Planetarium XXI Century"

June 17 - 19, 2019, Yaroslavl

THE 1ST INFORMATION LETTER about the IV International Conference "Planetariums of the XXI century"

Dear friends and colleagues!

We are pleased to invite you to the WEEK OF PLANETARIUMS held by the Cultural and Educational Center named after Valentina V. Tereshkova. This event is dedicated to the anniversary of the space flight made by the first female cosmonaut – Valentina V. Tereshkova.

The Conference will last for six days and will revolve around planetariums and related matters. This event aims at both professionals and novice planetarians. All attendants and participants will be able to walk through the history of the Cultural and Educational Center starting from the first draft to its construction and equipment installation, from the first word written in a script to an entertaining fulldome show. We will discuss the significance of planetariums in modern Russia and challenges that can be resolved with such innovative equipment.

We look forward to meeting you in Yaroslavl!

June 14 – June 16, 2019. The International Fulldome Festival "Reflections of the Universe"

June 17 – June 19, 2019. The International Conference "Planetariums of the XXI century"

General Information

The International Conference "Planetariums of the XXI century" is traditionally held by the Cultural and Educational Center named after Valentina V. Tereshkova and revolves around planetariums as modern informative and educational institutions.

Nowadays many planetariums are being built in the territory of Russia. Modern planetariums have been opened in Irkutsk, Kazan, Kaluga, Kirov, Moscow, Nizhny Novgorod, Novokuznetsk, Novosibirsk, Perm, Saint Petersburg, Tomsk, Ufa, Yaroslavl and in the Commonwealth of Independent States, including Belarus and Kazakhstan.

Modern planetariums are used to train future cosmonauts, sailors and pilots on a professional level. These institutions are essential to study astronomy and astronavigation, and take readings of celestial bodies.

As planetarium technologies are steadily developing, an interest towards planetariums and cultural and educational development of population is also increasing. Planetariums play a key

role in patriotic upbringing of youngsters, drawing their attention to innovative space and astronomic studies and making such science-driven occupations as the cosmonaut, sailor and pilot more upmarket.

Cutting-edge equipment enables lectures to project educational programs and programs about scientific space experiments right on the dome in real-time mode.

Yaroslavl experts have extensive experience in creating educational and cultural complexes using technical opportunities of modern planetariums. Gaining experience from fellow Russian and foreign colleagues, we are willing to share our best practices with everyone who wants to open this institution in their home region.

As planetarium technologies are steadily developing, an interest towards planetariums as tools to popularize astronomy, cosmonautics and other natural sciences is also increasing. Planetariums play a key role in patriotic upbringing of youngsters, increasing the cultural level of the Russian population and making such science-driven occupations as the cosmonaut, sailor and pilot more upmarket.

Conference Organizers:

- V.V. Tereshkova Charitable Foundation
- Department of Culture of Yaroslavl Region
- State Autonomous Cultural Institution of Yaroslavl Region "Cultural and Educational Center named after Valentina V. Tereshkova"
- Russian Planetariums Association
- Svensons ART MEDIA
- Fulldome Film Society.

Official Partners:

- Carl Zeiss AG.

Conference Organizing Committee:

- Polina P. Gordeeva – chief expert of culture and arts office of Department of Culture of Yaroslavl Region (as agreed)
- Elena A. Tereshkova – Vice President of V.V. Tereshkova Charitable Foundation (as agreed)
- Irina N. Trofileva – Director of the State Autonomous Cultural Institution of Yaroslavl Region "Cultural and Educational Center named after Valentina V. Tereshkova"

- Zinaida P. Sitkova – chief expert of the Municipal Budgetary Institution of Culture "Nizhny Novgorod Planetarium" and co-chair of the Russian Planetariums Association
- Andrey V. Lobanov – co-chair of the Russian Planetariums Association, Director of Svensons ART MEDIA
- Yaroslav V. Gubchenko – Executive Director of "Fulldome Film Society".

Secretary of the Organizing Committee:

Ekaterina N. Tikhomirova – Deputy Director for Academic and Advisory Affairs of the State Autonomous Cultural Institution of Yaroslavl Region "Cultural and Educational Center named after Valentina V. Tereshkova".

Conference Aims to:

– Present planetariums as powerful, cutting-edge and entertaining informative and educational institutions for popularizing scientific knowledge.

Conference Goals:

- To show a powerful potential of planetariums in the current Russian conditions;
- To demonstrate different types of planetarium equipment;
- To reveal the structure of modern planetariums as exemplified by "Cultural and Educational Center named after Valentina V. Tereshkova".

Host Venue:

The International Conference "Planetariums of the XXI century" will take place on June 17 – June 19, 2019 at the address: the Cultural and Educational Center named after Valentina V. Tereshkova, Tchaikovsky Street 3, Yaroslavl, 150000, Russia.

Who Will Attend the Conference:

- Representatives of scientific community
- Directors and experts from regional and municipal Departments of Culture, Education, Tourism and Construction
- Representatives of the Russian Planetariums Association and foreign planetariums
- Manufacturers of planetarium equipment and software
- Fulldome producers
- Architects
- Non-governmental investors

- Sponsors.

Types of Speeches, Presentations and Workshops:

- Scientific lecture with fulldome visualization
- Popular-scientific fulldome show
- Reports on the methodological work in planetariums. Planetariums as cultural, educational and scientific complexes. Planetariums as means of science popularization.
- Innovations and new forms of work in planetariums.
- Specific designing, construction and tooling of modern planetariums.
- Presentations of new planetarium equipment.
- Presentations of new planetarium software.
- Presentations of planetarium content.
- Other topics approved by the Conference Organizing Committee.

The Conference participants are firmly convinced that such activity as "Scientist's tribune" should be preserved and further improved because it encourages communication among scientists and population, and presents the valid information on the latest scientific achievements. The collective work of planetarians and scientists on a fulldome show concerned with achievements of the Russian science is included into the above-mentioned activities.

Conference Fields of Work:

- Planetariums as a special phenomenon in global history and culture. Modern planetariums. The concept of planetariums, the Russian and foreign experience.
- Demonstration of planetarium equipment and its potential. Expanding the focus area of planetariums. Special projective equipment for planetariums. Producing fulldome shows.
- Application of interactive museum technologies in the sphere of education and culture
- Major areas of academic research in planetariums. Planetariums at the confluence of culture, education and science. Popularizing ideas.
- Scientist's tribune as a communication channel between scientists and non-professionals, and the source of reliable information about the latest scientific achievements
- Collective work of planetarium crew and scientists to create general-audience programs showing achievements of the Russian science
- Observatory as a part of planetariums
- Role of planetariums in forming space thinking

- Architecture of planetariums: modern trends. Special projecting and building methods, as well as technological equipment of modern planetariums. Architectural acoustics in planetariums
- Commercial activities in planetariums. Sphere of extended services. The results of the Conference will be recorded in a resolution
- Legal matters. Financial and legal aspects of modern planetariums.

Conference Conditions:

All the reports are given in a real-life mode and accompanied by slide presentations.

Guest speakers are invited to take part in the Conference.

Due to time limit, the Conference Organizing Committee reserves the right to include submitted lectures into additional sections or poster sessions.

After all the submitted applications are processed, the Organizing Committee plans to divide panel sessions into several sections. A more detailed program of the International Conference "Planetariums of the XXI century" will be sent to participants together with the second information letter.

Requests and questions concerning the Conference can be sent to the e-mail of the Organizing Committee mentioned below.

All the Conference materials will be presented in the dome and classrooms of the Cultural and Educational Center named after Valentina V. Tereshkova, as well as on roll-ups and in information booths

Seminars and workshops will take place in classrooms of the Cultural and Educational Center named after Valentina V. Tereshkova

Due to time limit, the Conference Organizing Committee reserves the right to accept or decline submitted applications after consideration.

Requests and questions concerning the Conference can be sent to the e-mail of the organizing committee mentioned below.

Procedure for Receiving Applications:

Deadline for receiving applications from dome speakers – **April 30, 2019.**

Deadline for receiving applications from speakers lecturing in other rooms – **May 15, 2019.**

Deadline for receiving applications from the Conference participants – **May 31, 2019.**

Information for the Conference Participants:

During the Conference, the Organizing Committee plans to provide participants with the following opportunities:

- Taking part in the press conference of the Conference Organizing Committee
- Continuous communication with representatives of federal and regional mass media
- Spreading promotional merchandise and information products in paper or electronic format*.

The Organizing Committee also develops a cultural program for the Conference participants.

Organizational Issues and Financial Matters:

The Conference participants will cover food costs, and expenses related to travel and accommodation by themselves.

The Conference participants should pay registration fee in the sum of 1000 RUB upon arrival.

* Those participants who would like to distribute their information products and promotional materials in paper or electronic format during the Conference should pay registration fee in the sum of 5000 RUB.

Institutions and individual lecturers who would like to present commercial or advertising information in the form of speeches, presentations or poster sessions should discuss the exact registration fee with the Cultural and Educational Center named after Valentina V. Tereshkova after submitting their applications.

Further information on the Conference will be posted later.

Contacts:

1. State Autonomous Cultural Institution of Yaroslavl Region “Cultural and Educational Center named after Valentina V. Tereshkova”

Deputy Director for Academic and Advisory Affairs of the State Autonomous Cultural Institution of Yaroslavl Region "Cultural and Educational Center named after Valentina V. Tereshkova"

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2. Svensons ART MEDIA

Director

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E-mail: lobanov@planetariums.ru

Website: <http://www.planetariums.ru/>

3. The Conference official website:

<http://www.21.planetariums.ru/>

Requirements to the Submitted Lectures

Use specifications given in the end of this information letter to fill your **application for participation** and compose **proceedings**, and send them to the above mentioned e-mail address of the Organizing Committee.

Specifications to the formatting:

1. Texts must be written in Microsoft Word
2. Sheet size: A4, portrait layout
3. Texts should be no longer than 1 page
4. Margins: the top margin – 2 cm, the bottom margin – 2 cm, the left margin – 3 cm, the right margin – 1.5 cm
5. The left indent - 0, the right indent - 0, the first line indent– 1.25 cm
6. Spacing before a paragraph - 0, spacing after a paragraph - 0, line spacing – 16 pt
7. Times New Roman, font size 14
8. The full title of the abstract (proceedings) positioned in the page center (in capital letters)
 - The full name of the author (co-authors)
 - Abbreviation expansion
9. The name of the organization
10. The author's and co-authors' e-mail address(es)
11. The full text of the abstract (proceedings) stretched horizontally; links and footnotes at the author's (co-authors') discretion
12. The Conference languages: Russian and English
13. Black-and-white images with captions and MS Excel tables should be sent as separate files.