



## **"REFLECTIONS OF THE UNIVERSE"**

June 14 - 15, 2019, Yaroslavl

### **THE 1ST INFORMATION LETTER about the IV International Fulldome Festival "Reflections of the Universe"**

#### **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 Festival 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.

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

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

#### **General Information**

The International Fulldome Festival "Reflections of the Universe" (hereinafter referred to as "Festival") aims to heighten the interest of the Russian community towards planetariums as innovative, cultural and educational institutions, to unlock the creative potential of the people working in Russian planetariums, and create modern studios for producing educational and scientific fulldome content for planetariums in the territory of Russia. The Festival expands the focus area of planetariums, introduces new ways for popularizing science and showcasing space and astronomy research to various social groups, including the Russian and foreign youngsters.

The fourth edition of the Festival will be traditionally held by the State Autonomous Cultural Institution of Yaroslavl Region "Cultural and Educational Center named after

Valentina V. Tereshkova" at the address: Tchaikovsky Street 3, Yaroslavl, 150000, Russia. As the Organizing Committee has decided, the Festival is held bi-annually. In 2019, the Festival will take place on June 14 – June 16 and will be dedicated to the 55<sup>th</sup> anniversary of the flight made by the first female cosmonaut. The Festival awards will also bear the name of Valentina V. Tereshkova.

**Festival 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.

**Festival 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
- 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".

**Festival Aims to:**

- Show a powerful potential of planetariums and their cutting-edge projection equipment in cultural and educational fields;
- Heighten an interest to the production of fulldome shows for the Russian and foreign planetariums.

**Festival Goals:**

- To demonstrate the creative potential of the Russian and foreign fulldome producers;
- To expand the focus area of planetariums and give an impetus to the production of intellectual property assets;
- To encourage mindset formation and help people finding their own place in the world.

**Who Will Attend the Festival:**

- Directors and workers of the Russian planetariums
- Representatives of foreign planetariums
- Representatives of the scientific community and business
- Freelance fulldome specialists
- Producers of fulldome content
- Other concerned parties.

**Expected Festival Results:**

- The winning authors and creative teams will get support and acclaim
- The Festival participants will gain valuable creative experience through communication with their foreign colleagues and will be able to produce unique programs in order to increase the intellectual level and attendance of modern planetariums.

**Festival Arrangements:**

1. The Festival takes place on June 14 – June 16, 2019.
2. Requirements to the submitted applications and works can be found in Appendix 1.
3. Both individual and collective authors are admitted to the Festival.
4. All the accepted works must be no older than 2017 and should not be shown on the Festival for the second time.

5. The Festival Jury is formed by the Organizing Committee
6. The Festival Jury chooses awardees in four categories in accordance with the types of the fulldome films presented during the Festival.
7. The Festival winners are awarded with diploma and prizes.
8. The Festival Jury reserves the right to award additional noteworthy works and introduce People's Choice Award.

## **Procedure for Receiving Works and Applications**

### **Procedure for Receiving Applications:**

Deadline for receiving speaker applications and works longer than 20 minutes – **April 30, 2019.**

Deadline for receiving speaker applications and works shorter than 20 minutes – **May 15, 2019.**

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

### **Types of Fulldome Content on the Festival:**

The best scientific fulldome show, or popular-scientific planetarium presentation with fulldome visualization (20-45 minutes);

The best creative fulldome show, or creative planetarium presentation with fulldome visualization (20-45 minutes);

The best scientific fulldome show (5-20 minutes);

The best creative fulldome show, or creative planetarium presentation with fulldome visualization (5-20 minutes);

People's Choice Award after audience polling.

### **Topics of Seminars and Workshops:**

- Producing and editing fulldome content;
- Producing and editing programs for planetariums;
- Sound in the dome;
- Location shooting for fulldome content;
- Sources of correct data and basic materials for planetarium sessions
- Music for planetariums.

- The accepted materials will be demonstrated in the dome or on additional portable platforms located on the territory of the Cultural and Educational Center named after Valentina V. Tereshkova;
- The accepted materials will be shown with the help of six-channel Carl Zeiss ® powerdome EDITION with a 3K resolution;
- Seminars and workshops will take place in classrooms of the Cultural and Educational Center named after Valentina V. Tereshkova;
- Due to time limit, the Organizing Committee reserves the right to accept or decline submitted applications after consideration. The Organizing Committee comes to a decision in accordance with the following criteria: film content, conformity with a claimed type, technical level, design, creativity and originality;
- Requests and questions concerning the Festival can be sent to the e-mail of the Organizing Committee mentioned below.

#### **Information for the Festival Participants:**

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

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

#### **Organizational Issues and Financial Matters:**

- The Festival participants will cover food costs, and expenses related to travel and accommodation by themselves;
- The Festival participants should pay registration fee in the sum of 1000 RUB upon arrival. The registration fee to the Festival includes full access to conference materials, sight-seeing tours and coffee breaks;
- Further information on the Festival will be posted later.

#### **Legal Matters:**

- The Festival participants acknowledge that they possess all the rights to use and distribute their works (including images and sound), and warrant they will not infringe copy rights and third-party rights;
- The Festival organizers warrant that copyright holders will be mentioned during presentations or included into closing credits;

- The Festival participants allow the Festival organizers to use separate shots or video clips (with sound) extracted from their works in the Internet, printed and other materials in order to promote the Festival and the corresponding works;
- The Festival organizers shall not be liable for destroying the materials or data storage devices received from the Festival participants.

### **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": **Ekaterina Nikolaevna Tikhomirova**. Tchaikovsky Street 3, Yaroslavl.

Phone: (4852)72-82-00, fax: (4852)72-60-63

Mobile phone: +7(909)2774311

E-mail: [en\\_tihomirova@mail.ru](mailto:en_tihomirova@mail.ru)

Website: [www.yarplaneta.ru](http://www.yarplaneta.ru)

**2. The Russian Planetariums Association: Andrey Vladimirovich Lobanov**. Lenin Avenue 4, construction A, Moscow, 119049.

Phone: +7(916)3038764

Fax: +7(495)6410448

E-mail: [lobanov@planetariums.ru](mailto:lobanov@planetariums.ru)

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

**3. The Festival official website:**

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

## **Requirements to the Submitted Materials**

All the Festival materials must meet the following requirements:

- Footages are presented as a sequence of fulldome (180° equal-space projection) master frames (DomeMaster), RGB, 24-bit color depth. The files of master frames are numbered starting from 0 or 1. Numbers are added to file names after the underscore symbol “\_”. File names should include only lowercase and capital letters of the Latin alphabet, and the underscore symbol as a separator, for example "My\_Work\_00000.png";
- The orientation of master frames should correspond with the dome orientation of classical planetariums: the frame center – the zenith, the frame bottom – the south – the front dome sector, the frame top – the north – the back dome sector, the left – the east – the left sector, the right – the west – the right sector;
- Resolution: 3K (3072x3072); 4K (4096x4096) is acceptable; 2K (2048x2048) for pre-rendered visualization used during live presentations;
- Image format: PNG (preferable) or JPG; TIF, TGA, BMP and other formats are not accepted;
- Frame rate: 30 FPS (60 FPS and 29.97 FPS are also acceptable);
- Sound: stereo or 5.1 channel (L / C / R / Ls / TRs / LFE) in the uncompressed WAV format, 16-bit, 48 kHz. The names of audio files should be identical to the file names of master frames accompanied by the index of a sound channel for 5.1 scheme ("My\_Work\_C.wav", "My\_Work\_L.wav", etc.). The audio track should start with the first frame for the best synchronization.

All the materials are sent on external hard drives or USB sticks (FireWire or USB 2.0/3.0, the NTFS file system).

The Festival participants warrant that their data storage devices do not contain any malware or viruses. If participants break this rule, they will be excluded.

Participants should write the following information on the data storage devices they send:

- Show title
- Participants' name and the institution they represent
- Mobile phone
- E-Mail address

(USB sticks or external hard drives with data lists are inserted into transparent plastic sleeves with the button or zip).

The Festival participants should send the posters of their films so that the Festival organizers will be able to decorate the planetarium interior and make printed materials (the Festival catalogue).

File requirements: .TIF, A3, 300 dpi resolution.