



IPS 2022 FULLDOME SHOW

Submission Guideline

June 22 & 23, 2022
Planetarium 1
Saint Petersburg, Russia

1. The IPS 2022 Fulldome Show
2. Awards
3. Show submission
4. Video playback system description
5. Content security and DRM management
6. Video formats
7. Audio formats
8. Contacts
9. Regulations
10. Application form

1. The IPS 2022 Fulldome Show

Planetarium 1 is pleased to invite you to the IPS 2022 fulldome show which will take place in Saint-Petersburg June 22-23. We will provide a platform for staging a truly global event, where producers, distributors, creators, scientists, educators, musicians, and other colleagues in planetarium shows and all other related fields; will have the opportunity to present – and learn about the state of the arts and latest advances in the planetarium shows.

The event will take place just before the IPS conference 2022, which is an environment for international professional networking as well as a great chance to explore the cultural capital of Russia.

The films will be showed at the Planetarium 1 screen in the main planetarium hall, the world largest fulldome screen.

2. Award

Six awards will be handled at the IPS 2022 Fulldome Show

- 1. IPS 2022 Show of the year Award**
Award to the best show overall. This is not limited to educational content.
- 2. IPS 2022 Best Visualization Award**
Award to the best visual content.
- 3. IPS 2022 Audience Award for Best Fulldome Show**
Award to the highest rating show by the audience of the fulldome show.
- 4. IPS 2022 Kid's Show Award**
Award to the best show made for children.
- 5. IPS-Eugenides Foundation 2022 Best Educational production Award**
Award to the show with the best educational value.
- 6. Best Short Full Dome Show (up to 10 minutes in length)**
Award to the best short show.

A truly international committee will be selected, which will carefully watch all the movies and declare results. The awards will be announced during the IPS conference.

3. Show submission

To submit a show to the IPS 2022 fulldome show, please fill the application at

<https://forms.gle/b7Ah7QteV8Pcsq3f9>

and submit it to us.

If you are unable to access this form, you can fill the application at the end of this file and send it back by email to

fulldome@ips2022.com

The submission fee for the selected shows will be \$200 USD (except for experimental student admissions which will be shown after the full dome showcase).

Only shows produced after 1 January 2019 will be accepted.

Only full shows will be awarded. If you send only the «Trailers» it will not be part of the fulldome show.

Full shows shall be submitted including «full video content», «full audio content in English», Marketing information: high resolution poster, information sheet (title, producer, release date, resolution, description, languages, other info)

Important dates:

Application deadline: March 31, 2022

Selected show announces: April 16, 2022

Full dome submission deadline: May 20, 2022

Screening and the festival: June 22, 2022 – June 23, 2022

Award announcements: IPS2022 June 26, 2022 – June 29, 2022

The Best prize will be awarded at the closing of the IPS 2022

4. Video playback system description

Your show screened at the world largest screen at 8K resolution and high visual quality!

- The fulldome show will be screened at the Planetarium 1 in the main hall. This is a 37m dome in diameter. The world largest fulldome screen.
- The hall will be facilitated with 200 seats for the audience.
- The projection system will consist of 36 HD Benq projectors covering the whole dome screen at 180 degrees.
- The audio system is adapted to standard 5.1

Playback will be running on a single Screenberry media server connected to all projectors.

The image will be automatically calibrated using Screenberry automatic geometry calibration.

A special brightness intensity calibration will also be performed to ensure best visual experience and reduce dome artifacts.

Black level calibration might also be performed to ensure black level background uniformity in blending areas. This will enhance the visual experience especially for astronomy contents.

5. Content security and DRM management

All content we receive will only be handled by the team of Planetarium 1 and the technical support provider Front Pictures and their representatives.

No other party will have access to the submitted materials of the fulldome show.

All content will be **Encrypted** at the ERVA format, which will only allow the content to be playable at the Planetarium 1 Media server.

This system means that no content will ever be misused or made accessible to any third party. This is very important for us that all producers understand that their content will remain safe.

Producers and show distributors can send us dome master content, and we encode it and encrypt it at our end, **OR**, once your show is selected (April 16th) you can request an encoder with the public key, and encode your domemaster fulldome full resolution show and handle us the encoded ERVA content.

By doing so, the producers and show distributors do not share any dome master, but rather share only the encrypted content, which is only playable at our server during the IPS festival only.

6. Video formats

You can send us the encrypted fulldome show at 4K or 8K resolution.

This is optimal as this is most secure, and will mean no open content sharing. This will also reduce the size of the movie for uploading.

Domemaster content will also be accepted, and we will encrypt it on our end, and delete the original content.

The dome master can be image sequence png/tga/jpg or video file (mp4) at 30 fps.

4K or 8K resolutions will be accepted.

You can upload your content to the cloud, and provide us with the link for downloading.

If you choose to send a hard drive, make sure your disk is NTFS or exFAT formatted. Mac formatted will not be accepted. Make sure you fully label your hard drive itself. And ship it to Planetarium 1 address. Shipping cost should be handled by the shipping side, and will be returned to the owner after the show.

7. Audio formats

All shows will be screened as 2.1 or 5.1. Make sure your audio content is compatible.

The submitted movie language should be English. If English language is not available, then please consider having English subtitles. Shows with no English language might still be accepted, but might not be correctly evaluated.

8. Contacts

For all questions, please contact:

fulldome@ips2022.com

Kseniya Mazhorova

IPS 2022 Fulldome show manager

Website: ips2022.com/fulldomefestival

Facebook: facebook.com/events/650343976334423

9. Regulations

1. Data should be submitted either via shipping HDD or uploading to the cloud. Please provide the link for downloading. Avoid using wetransfer. Please upload all your data - the movie, audio and information as per the submitting show section.
2. Multiple films can be submitted. Each show should have separate application.
3. Only complete submissions with all data will be considered.
4. Only shows produced after January 1, 2019 will be accepted.
5. The show should be originally produced for 360 or fulldome format. Giant cinema production adapted to the dome etc. will not be accepted.
6. Once the decisions of the international jury are announced, they will be final and cannot be argued.
7. The awarded shows at the IPS 2022 fulldome show will be offered a broadcasting opportunity as part of the event.
8. By submitting your show to the IPS 2022 fulldome show:
 - You authorize the organizers to screen the show only during the period of the event, as well as to use the submitted elements (images, screenshots, music) as part of the promotion of the festival.
 - You certify that you have the authorization to submit this show, and that its screening in the context of this show is in agreement with all parties involved in production.
 - You certify that the work submitted to the IPS 2022 fulldome show does not infringe the rules of copyright or the intellectual property of a third party.

10. Application form

Application for the IPS 2022 full dome showcase:

<https://forms.gle/b7Ah7QteV8Pcsq3f9>

Family name

First name

Organization

Position

Country Phone

Email

Title

Year of production 2019 2020 2021

Country of production

Film type Documentary Fiction Art Education