



Submission Guidelines for the 12th FullDome Festival at the Jena Zeiss-Planetarium, Germany, from May 23 to May 26, 2018

How to participate in the 12th Jena FullDome Festival

The purpose of the FullDome Festival is to showcase recent fulldome productions and to provide an open platform to promote the art, the business and the future of fulldome and immersive media. It is independent and open to contributors from all around the world. Visitors to the 12th Festival will watch and assess fulldome films of all kind, meet professional, student and independent producers and participate in workshops, making-of sessions, presentations and expert talks. The international Jena FullDome Festival is organized by the FullDome Festival Foundation.

Producers may apply for presenting full-length feature shows, short films, student films and real-time applications of any kind in the fulldome format. Premiere shows are privileged for screening. Producers of full-length feature shows, short films and real-time applications need to apply early for screenings at the Festival (see deadlines below). Full-length feature shows will be curated and nominated for screening at the 12th FullDome Festival. A fee of 100 Euro (full-length feature shows only) will become due with nomination. Student shows shall not exceed the length of 5 min, short films shall not exceed the length of 15 min. Student works can be submitted without prior confirmation within the given submission closing date. The Festival Directors decide which of the short films and student works will be nominated for the jury session. The Festival Directors will decide which real-time applications, presentations and panels will be part of the program.

The FullDome Festival directors and the festival jury of independent experts will rate the productions and decide on the FullDome Festival's own "JANUS" Awards in various categories. A "best-of" selection of all 2018 entries will be presented at the Festival Gala and award ceremony on the JANUS Night, May 26th.

Submission deadlines:

<i>Category</i>	<i>Application date</i>	<i>Confirmation date</i>	<i>Submission closing date</i>
<i>Full-length feature shows</i>	January 31, 2018	March 30, 2018	April 30, 2018
<i>Short films</i>	February 28, 2018	March 30, 2018	April 30, 2018
<i>Student works</i>	March 30, 2018	n.a.	April 30, 2018
<i>Frameless Forum</i>	February 28, 2018	March 30, 2018	April 30, 2018
<i>Real-time applications</i>	February 28, 2018	March 30, 2018	April 16, 2018

Early sign-up and entries are much appreciated.

Registration

All contributors shall register for the 12th FullDome Festival via the Festival web site online form:
<http://fulldome-festival.de/submission-form/>

Two persons for each student contribution named in the submission form will have free access to all Festival programs including the Gala, with the exception of special evening performances. Confirmed registration includes the right to place information and advertising materials on the tables exclusively provided for this purpose.



FullDome Festival categories

1. Full-length feature films

FullDome feature films running between 20 and 50 min. The release date must be not earlier than January 1, 2017. Only curated and nominated feature shows will be publicly shown in full length and are eligible to receive FullDome Awards, including the JANUS award. Registration fee is 100 Euro per show, due with confirmation of nomination. The number of full-length feature shows to be screened at the FullDome Festival is limited to a maximum of 12.

2. FullDome short films and clips

Short films and clips in fullDome format running maximum 15 min. The release date must be not earlier than January 1, 2017. All short films and clips approved and accepted for screening by the Festival Directors will be publicly shown in full length. Outstanding contributions short-listed for the jury's session are eligible to receive FullDome Awards, including the JANUS award. No registration fee.

3. Student fullDome clips

Student contributions running for a maximum of 5 min each. The release date must be not earlier than May 1, 2017. Student works must not be screened at public festivals prior to the 12th FullDome Festival. All student fullDome clips approved and accepted for screening by the Festival Directors will be publicly shown in full length on the Students' Night. Outstanding contributions short-listed for the jury's session are eligible to receive FullDome Awards, including the JANUS award. No registration fee. If a student film is longer than the time limit of 5 min it will automatically be transferred to the FullDome short film category and be treated as such.

4. Real-time applications

FullDome real-time applications of up to approx. 10 min each will be presented. The release date must be not earlier than January 1, 2016. Applicants shall contact the Festival organizers to evaluate technical requirements with their applications. Applications will be featured within the daytime presentations program. No registration fee.

5. Presentations

The 12th FullDome Festival will provide time for presentations, workshops, panels, making-of-sessions and discussions on fullDome topics such as technology, applications, marketing, products and production, including VR/AR applications. They shall be limited to 10 min up to 25 min maximum. The "Frameless Forum" invites short presentations of up to 10 min each. Presentations will be scheduled for the morning and early afternoon hours of all three festival days. If you have an interest in a presentation or panel submit your proposal by February 28, 2018. The Festival organizers will select presentations from all proposals and determine respective time slots. No registration fee.

6. Limited exhibition spaces

The FullDome Festival offers limited spaces for exhibitions of fullDome technologies and content. The spaces are available on a first come first serve basis, whereas the Festival requests to make systems and content available to other participants as far as feasible. Interested parties shall contact the FullDome Festival organizers for further details. Sponsors will be privileged.

Sponsors, contributors and registered participants may display information and advertisement materials on tables exclusively provided for this purpose for the duration of the 12th FullDome Festival.



Competition Rules / Prerequisites for Entry

1. Participants

Participation is open to all producers of fulldome contents worldwide. The requirements below must be fulfilled for competing. Participants may enter more than one contribution in any one or several of the categories (full-length feature shows, short films, student works, presentations, real-time applications).

2. Selection of Festival contributions

The Festival Directors and the jury decide which of the entries will be screened and included in the official Festival program. Criteria for approval are: quality of content and treatment, technical implementation, artistic and sound design, creativity, originality, narration, entertainment value, and general contribution to the advancement of the fulldome medium.

3. Previews

Presenters of full-length feature shows and short films are requested to provide significant previews or content as work-in-progress together with the application. The material shall be suited to evaluate content, production style and quality. It preferably shall be submitted in fulldome video format of 1k to 2k resolution, alternatively as dome masters with sound files. The videos may be provided as downloads or on a data carrier.

4. Presentation

All approved contributions will be presented during the 12th FullDome Festival at the Zeiss-Planetarium in Jena. The productions will be displayed through an 8-channel ZEISS powerdome VELVET system with 4k resolution. Sound will be presented in stereo, 5.1 surround or in spatial sound wave format. Real-time applications will run on a temporary installed platform.

5. Special theme »The Power of Twelve«

The number 12 is special in many aspects. A watch face shows 12 hours. 12 months makes a year. 12 constellations form the zodiac. It is a holy number in many sacred traditions. Twelve-note compositions became widely influential on 20th century composers. Entrants are free to interpret this theme. Relating any entry to the 2018 motto is optional, not mandatory. The FullDome Festival Directors will consider a JANUS award on the motto depending on the quality of submissions for the special theme.

6. Fulldome sound

The FullDome Festival includes assessment of audio productions as part of fulldome presentations. The contest is open for contributions to all categories with surround sound productions from 5.1 up to 24-channel Spatial Sound Wave audio. Works containing audio only (no visuals) will not be accepted. The best fulldome sound production will receive the "FullDome Audio Award".

7. Full-length feature films

Entries of full-length feature films must satisfy the following conditions:

- The film must have been completed after December 31, 2016 (release in 2017 or 2018 or premiere at the FullDome Festival). It must not have been presented at previous FullDome Festivals.
- The film must be complete (no outtakes/previews). If a film exists in versions of various lengths, only one version is admitted (within the time limit given below).
- Language (where applicable): preferably English or German.



- The film must have been originally produced in fulldome format. Giant-cinema productions adapted to the dome, e.g., cannot be admitted.
 - Running time: minimum 20 min, maximum 50 min.
 - Formats admissible: see the Data Formats section.
- Entries of full-length feature films must be signed up by January 31, 2018 (see Entry Requirements section).
- Payment of registration fee (100 Euro per show) due with confirmation.
 - Confirmation deadline: March 30, 2018; delivery deadline: April 30, 2018.

8. Short films/clips

Entries of short films and clips must satisfy the following conditions:

- Completion after December 31, 2016.
- Running time: minimum 1 min, maximum 15 min.
- All producers may participate (corporations, students, independent and free-lance producers).
- Both commercial and non-commercial productions will be admitted.
- Trailers and excerpts from feature shows will be admitted.
- Formats admissible: see the Data Formats section.
- Entries must be signed up by February 28, 2018 (see Entry Requirements section).
- Confirmation deadline: March 30, 2018; delivery deadline: April 30, 2018.

9. Student works

Students' entries must satisfy the following conditions:

- Entrants must be students enrolled at professional schools (universities, colleges, academies).
- Running time: maximum 5 min.
- Completion after May 1, 2017.
- Works must not be screened at public festivals prior to the 12th FullDome Festival.
- Formats admissible: see the Data Formats section.
- Delivery deadline: April 30, 2018.

10. Real-time applications

Presenters shall contact the FullDome Festival organizers to specify technical requirements.

- The application must have been released in 2016, 2017, or 2018.
- Presentation time: approx. 10 min maximum.
- All producers may participate (corporations, institutions, students, independent producers).
- Formats admissible: in coordination with the Festival organizers.
- Delivery deadline: April 16, 2018 or as per agreement with the Festival organizers.

11. The Awards

The FullDome Festival will present the JANUS Awards, FullDome Awards, Honorable Mentions and Student Finalists at the Festival Gala on May 26, 2018. Awardees will be determined by the FullDome Festival Directors and the independent festival jury. The »Directors Award«, if chosen, will be determined by the Festival Directors solely.

JANUS Awards:

- "JANUS Student Award" to the best student production, with 500 Euro prize money donated by ZEISS, determined solely by the FullDome Festival jury;



- “JANUS Astro Award” to the most “edutaitional” astronomical, earth science or aerospace themed presentation, with 1,000 Euro prize money donated by ZEISS, determined by the FullDome Festival curators and Directors.

Further JANUS Awards shall be presented on specific criteria dependent on entries, available funds, jury’s, curators’ and directors’ votes. As in the previous years, such categories could be: Emphasis on Emotion, Best in 3D Animation, Best in Scientific Visualization, Best Use of Technology, Best of New Starters, Emphasis on Humor etc. The awards may be endowed with prize money or not, depending on available funds at the time of the Festival. Companies, organizations and individuals are entitled to donate specific awards including prize money.

Film Nominations:

All full-length feature shows to be presented at the 12th FullDome Festival are awarded “FullDome Festival Nominated Film”, determined by the curators and Directors.

Honorable Mentions:

Outstanding festival contributions will be awarded “Honorable Mentions” as un-endowed prizes, determined by the jury, the curators and the Directors.

Student Finalists:

Student contributions short listed by the festival jury to be presented at the FullDome Festival Gala are entitled as “Student Finalists”.

12. FullDome Festival Reel

A Festival Reel will be compiled from the selected festival contributions and will be made available for non-commercial and educational screenings at interested fulldome theaters and other potential facilities capable of presenting it. The participating fulldome theaters may, under license from the FullDome Festival Foundation, show the Festival Reel, or parts thereof, for non-commercial and educational purposes, but also against an entrance fee. All proceeds from licensed presentations of the FullDome Festival Reel, if any, will flow into the FullDome Festival for endowing future awards. Individual accounts of contributions, runtimes and show locations cannot be made. Full-length feature shows will not be included in the Festival Reel.

13. Copyright

The Festival participants confirm that they are owners of all rights of use and distribution of their contributions (including visuals and sound) and that no copyrights and no third-party rights are infringed. By entering their contributions, the Festival participants authorize the FullDome Festival Foundation to give permissions to present the Festival Reel as stipulated in clause 12 and to advertise the FullDome Festival.

14. Credits

The FullDome Festival Foundation guarantees to name the respective copyright owners when presenting their contributions or to indicate them completely in the closing credits. This also applies to the licensed presentations of the Festival Reel.

15. Promotion

The Festival participants permit the FullDome Festival Foundation to use stills and produce trailers (including visuals and sound) to be used on the Internet and in print and other media for the purpose of advertising the FullDome Festival and the Festival Reel.



16. Liability

The Fulldome Festival Foundation assumes no liability for damage to the materials and data carriers entered for the Festival.

17. Award decisions

The award decisions of the Festival Directors, jury, and curators are final and cannot be contested.

18. Acceptance of Competition Rules

By entering a production, the entrant accepts these Competition Rules.

Entry Requirements

For signing up, entrants must provide at least the following information:

- Title
- Names of relevant producers, name of institution, as far as applicable, and year of completion
- Suggested FullDome Festival category
- Length of the show in minutes (rounded up)
- Language in which the show shall be presented (preferably English or German)
- Name and delivery address of the entrant
- Telephone number and e-mail address
- Descriptive text for the program brochure, max. 500 characters including spaces.

Inscriptions required on the data carriers:

- Title
- Name and affiliation of the entrant
- Phone number
- E-mail address
- Postal address (for shipments)

The Registration Form (printed out online form) shall be sent together with the data carrier.

The data carriers (hard disks, flash drives) will be returned to the entrants. Please mind that return is only possible in an addressed envelope either franked or provided with stamps, or with a shipping account number registered with a parcel service (at no cost to the Fulldome Festival Foundation).

Data (data carriers) to be sent to:

Zeiss-Planetarium Jena
c/o Fulldome Festival Foundation
Am Planetarium 5
07743 JENA, GERMANY

For consignments from countries outside the European Union, the customs papers should contain information to the following effect:

Content/Description: External hard/ flash drive containing artistic/ cinematic/ astronomical/ scientific/... demo reel for educational use. [Select what applies best.]



Declaration: **No commercial value, for customs only, no resale.** Used parts to be returned to sender. I declare that the enclosed matter does not contain any pornographic or unlawful material.

Deadlines for entries: April 30, 2018.



Data Formats

Festival contributions must meet the following format specifications:

- Dome Master format, 24 bit RGB, 180° equidistant image field, consecutively numbered picture sequences starting at 0 or 1. Filenames following the „MyWork_00000.png“ scheme, without umlauts, without special characters or symbols; numbers separated by the underline character, only one dot to separate the filename extension.
 - Orientation: below = front, left = east (dome at left), right = west (dome at right), top = rear
 - Resolution: preferably 4k (4096 x 4096); at least 3k (3072 x 3072 square pixels); 2k (2048 x 2048 pixels) permissible for student works.
 - Picture format: preferably PNG, best quality JPG; TIF, or compressed TGA are admitted.
 - Frame rate: preferably 60 fps or 30 fps; 29.97 fps, 25 fps, 24 fps admitted.
 - Sound: stereo in uncompressed WAV format or 5.1 surround (L/C/R/Ls/Rs/LFE) single channels in uncompressed WAV format, 16 bit or 24 bit, 48 kHz or in 5.1 surround ac3 format. Filenames identical to frame filenames according to the scheme above („MyWork_C.wav“, „MyWork_L.wav“, etc.). For synchronization, the sound must begin with the first frame.
 - Spatial Sound: unsqueezed multitrack (max. 24) audio 48 kHz, 16 bit or 24 bit and a time code track. All tracks shall be supplied as uncompressed single channel WAV files, consecutively numbered. Important note: the spatial sound must be accompanied by a stereo or 5.1 surround soundtrack!
- The 3D audio mix will be made on the basis of the 3D audio storybook. After prior consultation and agreement on a date, and subject to availability, the sound designers will be given the opportunity to adapt the 3D audio mix at the Fraunhofer-Institut für Digitale Medientechnologie (IDMT) Ilmenau.
- Real-time applications will be admitted after prior consultation with the festival organizers only (see contacts). Confirmation shall be acquired not later than March 30, 2018. Otherwise real-time applications must be rendered to Dome Master format.

All contributions must be sent on external hard disk memories (USB 2.0/3.0, NTFS formatted, preferably 2.5 inch format) or flash drives. Entrants are responsible for their data carriers to be free of viruses.

The following information must be accompanied with the data (*.txt or *.doc file):

- Title of work
- Producer (name, postal address, e-mail address)
- Frame rate (!!)
- Sound specification: channels, format, sample rate, bit rate
- any information on specs different from the requests above



General Festival Information

Registration and Festival tickets

All participants must register to get access to the Festival. Registrations and festival tickets will be available online via the ticket shop as part of the FullDome Festival website (www.fulldome-festival.de). The FullDome Festival is open to the public. The Festival ticket for all three Festival days (May 24 – May 26) costs 100 Euros (regular fee) and 35 Euros (students only). Tickets for the evening performances will be available for 25 Euros. Day tickets will be charged with 50 Euros per day, evening performances included. Visitors interested in a single feature show shall pay for the regular planetarium ticket.

Event and hotel accommodations

Jena offers a variety of hotels and hostels. A list of recommended accommodations is available on the Festival Web site. The Jena Zeiss-Planetarium is located close to the city center and in walking distance from most of the inner city hotels. The public transport network in Jena is well developed to reach suburb accommodations within a short period of time. A limited number of parking spaces are located behind the Planetarium. Public parking lots are available in walking distance.

The restaurant Bauersfeld within the planetarium offers good food and drinks including a fine selection of German beer. In addition to the restaurant a festival tent will offer snacks and beverages and serves as the Festival's communication hot spot.

FullDome Festival show times

Opening event, to be announced

Wednesday night, May 23, 2018, 7:30 p.m.

Focus Days

Entries to the 12th FullDome Festival will be grouped around a general theme for each day. Full-length feature films and short films/clips may be mixed in the focus days program:

Thursday, May 24, daytime focus: **space/astronomy**

Friday, May 25, daytime focus: **science/visualization**

Saturday, May 26, daytime focus: **art/entertainment**

The FullDome Festival reserves the right to shift shows to a different focus day to meet schedule constraints.

Presentations

All three festival days in the morning and early afternoon hours. If you have an interest in a presentation or panel submit your proposal by February 28, 2018. The Festival organizers will select presentations from all proposals and determine respective time slots.

Students' Night

Friday night, May 25, 2018. All selected and approved student contributions will be shown during the Students' Night program.



FullDome Festival Gala – The JANUS Night

Saturday night, May 26, 2018. All nominees and the winners of the 2018 FullDome Awards in all categories will receive the winning certificates, the “JANUS” awardees will receive the statue along with prize money as far as applicable. The award winning shows will be presented along with other outstanding contributions highlighting excellence, creativity, innovation and performance in fulldome. At the Gala all student shows short-listed by the jury will be presented.



Curating and Jurying of FullDome Festival contributions

FullDome Festival curators

Selected curators chosen by the FullDome Festival Directors will view previews and final films (as far as provided) registered for the full-length feature film category individually. All films will be curated and a maximum of 12 shows will be selected to be screened at the Festival. The FullDome Festival Directors finally will decide on the selection observing the curators recommendations. The show reviews will be made public at the 12th FullDome Festival.

FullDome Festival Jury

Prior to the Festival, the jury views the selected contributions at an exclusive screening. Jury members discuss and assign the JANUS Student Award for the best student work. The jury also decides on the Student Finalists, which will be screened at the Festival Gala. The jury also decides on additional FullDome Awards for festival entries by independent and professional producers.

The festival jury consists of media experts, invited by the Festival Directors, who work independently of the festival organizers or any company or institution. Names and expertise of the 2018 jury members will be published at <http://fulldome-festival.de>.

Contacts:

Jürgen Hellwig (Festival Director)
FullDome Festival Foundation
Am Planetarium 5
07743 JENA, GERMANY
Phone +49 3641 443165
hellwig@optischesmuseum.de

Prof. Micky Remann (Festival Director)
Bauhaus University
Wunderwaldstraße 2
99518 BAD SULZA, GERMANY
Phone +49 36461 91021
remann@liquidsound.com

Stefan Harnisch
FullDome Festival Foundation
Am Planetarium 5
07743 JENA, GERMANY
Phone +49-3641-885441
stefan_harnisch@planetarium-jena.de

Volkmar Schorcht (Festival Director)
Carl Zeiss AG
Planetarium Division
Phone +49 3641 642283
Fax +49 3641 643023
volkmar.schorcht@zeiss.com

For more information, visit
www.fulldome-festival.de
www.planetarium-jena.de

Up-to-date information on the Web and Facebook:
<http://fulldome-festival.de>
<https://www.facebook.com/fulldomefestival>