



2016 ILDA Fenning Award for Outstanding Technical Achievement

For entries finished and documented between 1 Jan 2015 and 31 March 2016
Winners will be publicly announced at the 2016 ILDA Conference in Baltimore

The Fenning Award is given for Outstanding Technical Achievement in the field of laser shows and displays. Any ILDA Member may enter a product, or a working technical demonstration. Examples include, but are not limited to: lasers, scanners, projectors, effects, hardware and software.

Deadline day: Thursday, March 31 2016 by 11:59 pm, your local time

All Fenning Award entries must be mailed (postal service) or shipped (delivery service such as FedEx, UPS, etc.); or uploaded to a site of your choice where ILDA can download a single compressed (ZIP) file. You can choose whether you want to send files by USB thumb drive, or by uploading.

Mailed/shipped entries: Entries must be postmarked or given to a delivery service on or before the deadline listed above.

- For U.S. domestic mail, we recommend First-Class mailing. For mail coming from outside the U.S., we recommend Airmail. You can also ship with a delivery service such FedEx, UPS, DHL, etc. – for this, either ground or air is fine.
- We can accept Fenning Awards hand-delivered to ILDA's Orlando location, if they arrive before 5 pm Orlando time on the deadline day. We do not accept late-night deliveries on deadline day.
- It is the sender's responsibility to track the shipment and be sure that ILDA has received it. We recommend you use your shipper's delivery confirmation service.

Uploaded entries: Upload a single file (ZIP format) containing all video and photo files (MP4, MOV or JPG formats) and the filled-out Entry Form (DOC or PDF format). **Upload this single ZIP file using the Dropbox upload form at www.ilda.com/entries2016.php.**

The ZIP file contents cannot be changed after uploading. So be sure all forms and files are correct.

Deadline: For mailed/shipped entries, they must be SENT before the deadline. (It is OK if the mail arrives at ILDA after the deadline). For uploaded entries, they must be UPLOADED before the deadline.

Mailing and contact address for the Awards

Send all mailed/shipped materials to: ILDA c/o Patrick Murphy, 7062 Edgeworth Drive, Orlando, FL 32819, USA, (+1) 407-797-7654. If you have email questions, send to mail@ilda.com.

Other ILDA Awards: Technical, Career Achievement

This document is for the ILDA **Fenning Awards for Technical Achievement** Awards. Information and entry forms for other Awards, including the Artistic Awards and the Career Achievement Award are at the webpage www.ilda.com/entries2016.php.

GENERAL INFORMATION

Here is a summary of key entry rules. Please be sure to read and follow the Entry Rules that are listed further below.

- Each ILDA Member can submit up to three Fenning Award entries.
- To enter, fill out the Fenning Award Entry Form, and provide any additional written documentation. The documentation should address the topics listed below in the Entry Rules. You can also provide an optional video that describes and demonstrates your entry(ies). Submit your video as a file in MOV or MP4/M4V format.
- Entries must be in by the deadline listed above. Sorry, but we will have to disqualify any late entries, or entries with major mistakes or missing material.

Changes for 2016

- Entry eligibility dates have been changed. It is now a 15 month period – the 12 months of the previous year (2015 in this case) plus three months in the current year (2016).
- Entries submitted via the internet now use a Dropbox form on ILDA's website. This will upload to us. (In previous years, entrants used their own upload method and sent ILDA a download link – we are not doing that in 2016).
- Added requirements for safe and legal entries.

Planning for 2017

So that you can plan for next year's Awards competition, the deadline for the 2017 ILDA Awards is tentatively scheduled for Friday 31 March 2017. This means that entries created and documented between 1 January 2016 and 31 March 2017 will be eligible.

We suggest that you videotape shows when you have a chance during 2016, to avoid any rush in early 2017.

ELIGIBILITY

ILDA Member eligibility: Any company or person that is an ILDA Member in good standing at time of submitting the entry may enter the ILDA Awards. This includes all Membership categories including Student.

- **If Membership status changes:** If a Member is suspended, terminated, or resigns at any time prior to the ILDA Awards Presentation, their entries may be removed from judging and/or awards consideration.

Entry eligibility: Submit entries created between the time period of 1 January 2015 and 31 March 2016. Technical achievements that were begun earlier than 1 January 2015 may be entered if completed, performed and documented within this time period. We are flexible on these dates; however, all material must be recent and must be new to the judges. Do NOT enter any technical achievement or materials submitted in previous years.

- An entry cannot be resubmitted in subsequent years unless new or improved elements are the primary focus of the resubmission. If an entry is resubmitted, judges must primarily focus on the new elements, because the older elements were already judged when submitted in previous years.

Scope: You may enter a product, or a working technical demonstration, which is used in the field of laser shows and display. Examples include, but are not limited to lasers, scanners, projectors, effects, hardware and software. It may be brand new or it may be a significant change or improvement to an existing product/technology. The entry should be newly developed or introduced to the market within the eligibility period.

- For **products**, the entry must be of a full working version that has been field-tested and is currently either in service by the entrant, and/or is available for sale or rent.
- For **technology developments** such as an invention, the entry must have been demonstrated to work and must have useful applicability to laser shows and displays.
- *Concepts and basic research do NOT qualify*; the entry must be a product, or a useful, demonstrated technology.

Entry must be your work: You are on your honor, in accord with the ILDA Code of Ethics, that you (the ILDA Member submitting an entry) were the primary company or individual to invent, produce or apply the technology for laser display purposes.

- It is OK if the technology was used for other, non-lasershow purposes. But you must be the primary company to have developed it or applied it for laser displays.

Joint entries: In cases where two or more companies shared the work of creating an entry, one of the companies will submit a single entry listing the two or more companies in the entrant name part of the Entry Form. (For example, "Specifications set by ABC Company, programmed by XYZ Inc.") DO NOT submit the same material as two separate entries. Explain in the Statement of Intent the responsibilities of each company.

- By "shared work", ILDA means that each company had significant creative and production responsibility for the entry. The responsibility went beyond a subcontractor (for example, someone paid to make a subassembly) so that it truly was co-created or co-produced by each company involved.
- At least one of the companies must be an ILDA Member during the eligibility period listed above. Award trophies will only have ILDA Members' names on them, and will only be given to ILDA Members. If you want extra trophies for a non-ILDA partner, for a client, or for employees, these can be purchased separately.

Entry safety and legality: The entry video or other documentation must show lasers being used safely. If there are persons or an audience present, the video or documentation must follow applicable laser safety laws and regulations (including laws for audience scanning) in the jurisdiction where the show was performed.

We will accept entries where laser safety has not yet been fully determined, if the entry focus is on other factors. For example, we accepted a submission of a laser mounted on a drone. Even though there would be safety issues involved if a drone-mounted laser was actually used in a show, the submission was focused on laser technology being newly applied to the drone. In other words, it was not up to the submitter to state or solve all potential safety issues. (Also, the video submitted showed safe usage of the drone-mounted laser, in controlled areas)

On the other hand, if a submission is for a safety device, then there would need to be evidence presented that the device worked properly as intended in a laser show environment.

- ILDA reserves the right to remove or disqualify an entry if, in our sole opinion, 1) the entry violates **or appears to violate** safety standards, laws and/or regulations; and/or 2) the entry does not have sufficient documentation of safety and legal compliance if this is a factor of the entry.

ENTRY RULES

Number of Entries: A single ILDA Member can submit a maximum of three Fenning Award entries. Each entry must have its own Entry Form. Videos or other materials (scans of user manuals, or PDFs of product sheets) are optional. If you have more than one entry with video, put all video files onto the single USB drive (for mailed submissions) or into the single compressed “zip” file (for uploaded submissions).

Supporting Documentation: You must provide supporting documentation in writing and/or in the video that must:

- **Discuss how the entry is unique or improved.**
- **Describe any previous or similar methods** used in the industry to accomplish the same function, and how the entry differs.
- **List and describe any competitive products, or alternative methods, and how your entry differs.** Include both advantages (positive differences) and disadvantages (negative differences).
- **Describe any factors that might restrict the entry’s usefulness** (examples: only works with certain equipment, laser power must be below a certain level, requires special training or knowledge, has a high cost, etc.).
- **List the price of the product, if it is for sale.** If there are various versions or levels, list these as well. If the product is available only for rental or lease, list the price for the rental or lease. (This is the public or end-user price; you do not have to list the private or dealer price.)
- **If appropriate, list other useful information** such as user manuals, research sources, additional pictures and drawings, contacts if judges need independent information, etc.

The judges may research entries as needed to validate claims made in the entry itself. Your supporting documentation is essential. So, please supply as much material as needed to completely describe your entry and the other aspects listed above. This will assist judges in ensuring that all ILDA Award winners’ products are indeed new or significantly improved, how they compare with similar products, and that they work well for their intended purpose.

Be sure to provide the documentation discussed above. In some previous years, entries were downgraded or eliminated because they did not provide adequate documentation to allow judging of aspects such as how the product compared with past or competitive products.

Note about proprietary information and patents: In your entries, do not include proprietary or secret (non-public) information. You can describe such information in general terms; for example, “Our laser cooling fluid contains a proprietary mixture of halogens.” If you have patents, or patents pending, include this information; for example, “The method for combining the two frames is covered by U.S. Patent 7,654,321.” If you have any questions, or if your entry hinges on proprietary or secret information, contact ILDA’s Executive Director for guidance before the entry deadline.

Optional video documentation

You are strongly urged to make a video of 4 minutes or less, which demonstrates your entry in use and explains how it qualifies as an Outstanding Technical Achievement. The video will be very helpful to the judges. Submit the video as follows:

- **QuickTime MP4** (H.264, MPEG-4 Part 10 AVC, MPEG-4 Part 4) **or MOV**. Submit as individual files, one video file per entry. *We do not accept any other formats such as AVI or WMV files, or DVD discs – only MP4 or MOV files.*
- The video length must be **4 minutes or less**.
- **The video pixel dimensions must be 1920 x 1080 or smaller.** Do not submit any larger sizes. For ILDA’s purposes of judging, showing at the awards, and uploading winners to YouTube, 1280 x 720 is a good compromise between quality and file size.

- **The video file size must be 300 MB or less.** For a 4-minute 1920 x 1080 video at reasonable compression, this is entirely possible. A NTSC or PAL sized video ((720 x 480, 720 x 576) is typically 50 MB or less.

Identifying information in the video: In making the video title, script, and images, you may include the name of your company and product throughout the video. (This is unlike the ILDA Artistic Awards, where video entries must be anonymous.)

Video usage

Video entries will be used for the purpose of judging the ILDA Awards and presenting the award winners at the ILDA Conference. In addition, ILDA may make a compilation of the award winners. ILDA may also post winning entries online or otherwise present winning entries to Members and the general public.

When ILDA posts winning entries online, we will add titles that are visible during the entire video (awards year, winning place and category, name of entry, name of company submitting). We might possibly also add static or moving watermarks, but we cannot guarantee that we will do so.

While ILDA takes the above reasonable precautions, we cannot guarantee against someone misappropriating video content; for example, by taping during the ILDA Awards Presentation or by illegal copying from any compilation collection or YouTube uploads.

Therefore, if you have special concerns about your show's video content being seen or appropriated, simply do not enter a video – rely only on the written documentation.

HOW TO ENTER

You can submit physical materials by mail or shipping, or you can submit them digitally by zipping into a single file and uploading it to ILDA's Dropbox.

Submission by mail or shipping...

One way to submit is to send by postal mail (example: USPS, Royal Post) or shipping service (examples: FedEx, UPS). Send an envelope, marked with the name of your company, the name of your Fenning Award submission, and the words "2016 Fenning Award Entry". Inside the envelope, include the following:

- Official ILDA entry form with all information filled in and adequately discussed. This includes the Supporting Documentation discussed above.
- *(optional)* Any additional supporting documentation, such as user manuals, research sources, additional pictures and drawings, etc.
- *(optional)* A video in MP4/M4V or MOV format, demonstrating how your entry works and why it is an Outstanding Technical Achievement

Note that this envelope must be separate from any ILDA Artistic Award entries that you might be sending (e.g., use one envelope for your Artistic Award entry materials, and a separate envelope for your Fenning Award entry materials).

You must give your envelope to the mail or shipping service by 11:59 pm, your local time, on the deadline day.

... or, submission by download

The other way to submit is to use a compression program to put all files (filled-out Entry Form, Supporting Documentation, any optional additional documents scanned as JPGs or PDFs, and an optional video in MP4/M4V or MOV format) into one zipped file. Upload the single zipped file using the form at ILDA's website, www.ilda.com/entries2016.php before 11:59 pm, your local time, on the deadline day.

What to include

Official ILDA Entry Form

For each of your entries, include a filled-out entry form. We strongly urge you to use the Official ILDA Fenning Award Entry Form. However, you can type up your own entry form as long as you include all information required on the Official ILDA Fenning Award Entry Form

All information should be in English. We're sorry, but ILDA does not have the resources to translate from other languages. Also, if you hand-write the information, be sure it is legible.

Optional video documentation

Submit the video as an MP4/M4V or MOV file. For physical mail/shipping entries, put the video file on a USB flash drive (thumb drive). For digital downloaded entries, the video file will be included with the other files (Entry Form, supporting documents) in the single zipped file that is uploaded to ILDA's Dropbox.

Deadline and required information

The entry deadline is firm. If your entry is late, it will be disqualified. The only exception will be in case of extraordinary circumstances outside of your control, such as a natural disaster in your area, or transportation

delays by the mailing service. Reasons such as “We were busy” or “We got a last-minute job” are not acceptable.

All requested information must be included and must be correct. If there are problems with missing or incorrect information, the entry may be disqualified. You may wish to read over your entry – especially the supporting documentation – to be sure that all questions and areas have been addressed.

2016 ILDA Fenning Awards for Outstanding Technical Achievement: Entry Form

Fill out this form for each entry you are submitting.
For example, if you submit three entries, then fill out this Entry Form three times: one time for each entry.

Total Fenning Awards entries: _____

This is entry number ____ of _____

Fill out this Entry Form. For mail/shipped entries, include a printed copy when you send in all of your entry materials. For uploaded entries, include filled-in Entry Form as a Word or PDF document with the other files.

- To avoid possible disqualification or fees, **please double-check your entries against the rules.** Some serious problems to avoid: Entering past deadline. Incomplete documentation (not adequately answering all questions).
- Entries can be sent either by mail/shipping, or as an uploaded file.
 - Physical entries must be postmarked (USPS or government postal service) or given to a delivery service (FedEx, UPS) on or before 11:59 pm, your local time, Thursday 31 March 2016. Send entry materials to: ILDA, c/o Patrick Murphy, 7062 Edgeworth Drive, Orlando, Florida 32819, USA, (+1) 407-797-7654
 - Or, you can use a compression program to put all files (Entry Form, documentation, optional video) into one zipped file and upload it on the page www.ilda.com/entries2016.php.

ILDA Member name Company, institution, or individual

Address

Contact Person

Phone (with country code)

Fax

E-mail

Are you submitting a video file (in MP4/M4V or MOV format) **that demonstrates the entry in action?**

- Yes, the video file is on an enclosed **USB flash drive** (thumb drive)
- Yes, the video file is included in a zipped file that we are uploading to ILDA's Dropbox
- No**, we are not submitting a video with this entry

If you need more space to answer some of the questions below, feel free to provide this information on additional paper. You do not need to "fit everything in the boxes" below.

Title of this entry

Abstract (a brief one- or two-line summary of the entry)

Detailed description

What was your goal in creating the entry?

Discuss how your entry is unique or improved

Describe any previous or similar methods used in the industry to accomplish the same function, and how the entry differs.

List and describe any competitive products, or alternative methods, and how your entry differs. Include both advantages (positive differences) and disadvantages (negative differences).

Describe any factors that might restrict the entry's usefulness (examples: only works with certain equipment, laser power must be below a certain level, requires special training or knowledge, has a high cost, etc.).

List the price of the product, if it is for sale. If there are various versions or levels, list these as well. If the product is available only for rental or lease, list the price for the rental or lease. (This is the public or end-user price; you do not have to list the private or dealer price.)

If appropriate, you may attach additional documents, user manuals, diagrams, video, etc. to support your awards application. Please list these materials.