



## 2009 ILDA Artistic Award Winners

**Date:** Judging conducted May 24, 2009  
**Host:** Greg Makhov, Lighting Systems Design Inc., Orlando FL  
**Judges:** Willie Castro, Willie Castro Animation (formerly art director at AVI)  
 Phyllis Monahan, LSDI, Orlando FL  
 Tony Zmorski, Walt Disney World (former ILDA President)

### Table of Contents

Results Summary .....	2
Category 1: Beam/Atmospherics .....	4
Category 2: Graphics Show .....	8
Category 3: Abstract Show .....	12
Category 4: Beams and Screen Show .....	16
Category 5: Nightclub/Disco Show .....	19
Category 6: Innovative Application .....	22
Category 7: Multimedia Show .....	23
Category 8: Live Stage Performance .....	27
Category 9: Lasers Used in Video/Film .....	31
Category 10: Laser Photography .....	32

### Purpose of this document

This version of the document contains only the winning entries in the 2009 ILDA Artistic Award competition. There is an expanded version, for ILDA Members only, which also includes non-winning entries. The expanded version is available from the ILDA website; look for the 2009 Awards page and find the link for the expanded version (ILDA Member username and password required).

## Results Summary

### Category 1 **Beams/Atmospherics Show**

First: Hero, Laserlight Showdesign  
 Second: Paradise, HB-Laser  
 Third: Sanctus, LOBO  
 Hon. Mention: Pirates, HB-Laser

### Category 2 **Graphics Show**

First: Holding Out For a Hero, LOBO  
 Second: Little Bit of Life, Laser Show Design  
 Third (tie): Girlfriend, Laser Show Design  
 Third (tie): Spanish-style New Year, Orion-Art Multimedia  
 Hon. Mention: Shut Up and Drive, Laser Show Design

### Category 3 **Abstract Show**

First: Tubular Bells, Scanergy  
 Second (tie): Jarre Abstract, Planetarium Hamburg  
 Second (tie): Microcosmic, Planetarium Hamburg  
 Third: Into the Night, Laser Show Design  
 Hon. Mention: Alpha, Scanergy

### Category 4 **Beams and Screen Show**

First: Ride to Agadir, Planetarium Hamburg  
 Second: La Feria De Mexico 2008, Laser Spectacles  
 Third: Speedboat, HB-Laser  
 Hon. Mention: Lovestoned, Laser Show Design

### Category 5 **Nightclub/Disco Show**

First: Strings, HB-Laser  
 Second: Girl Talk, Lightwave International  
 Third: Black Box, LOBO  
 Hon. Mention: Gagarin, Planetarium Hamburg

### Category 6 **Innovative Application**

Second: Laser Fingers, LaserX

### Category 7 **Multimedia Show**

First: Bucharest New Year Show 2009, LOBO  
 Second: Orenburg 265 Years, Orion-Art Multimedia  
 Third: Mysteria - Multimedia Version, LOBO  
 Hon. Mention: Sant'Agata, Laser Entertainment srl  
 Hon. Mention: The Cosmic Wall, Planetarium Hamburg

Category 8	<b>Live Stage Performance</b>
First:	3D Laser Prism, 2008 <i>Dark Side of the Moon</i> World Tour, Lightwave International
Second:	Ghostland Observatory, Lightwave International
Third:	Rollercoaster Event, HB-Laser
Hon. Mention:	Metallica, Laser Design Productions
Hon. Mention:	Violina Dance and Lasershow, Orion-Art Multimedia
Category 9	<b>Lasers Used in Video/Film</b>
Second:	Sha, Laserlight Showdesign
Category 10	<b>Laser Photography</b>
First:	Caution! Laser Radiation!, Lightwave International
Second:	Laser Eye 2, Scanergy
Third:	Supernova, spectrabeam.de
Hon. Mention:	Laser Eclipse, Lightwave International
Hon. Mention:	Laser Lady, Laser Entertainment srl
Hon. Mention:	Magician, LOBO

## Category 1: Beam/Atmospherics



Producer: Patrick Dietzel; Programming: Thomas Gramatke

Music: "Holding Out For a Hero", Bonnie Tyler

*Presented and judged in laser*

This show was first presented at the "Lange Nacht der Wissenschaften" (Long Night of Natural Sciences) in Berlin in 2008 to demonstrate the brightness and colors provided by the company's range of RGB laser projectors.



Show designer & art director: Dirk Dudek  
Music: "EVA" by Nightwish (orchestral version)  
*Presented and judged in laser*

This show was created within the monthly software contract for our customers. We selected this show for an entry because it is one of the shows with the most positive feedback we got from our customers and their audience. The soundtrack was also proposed by our customers.

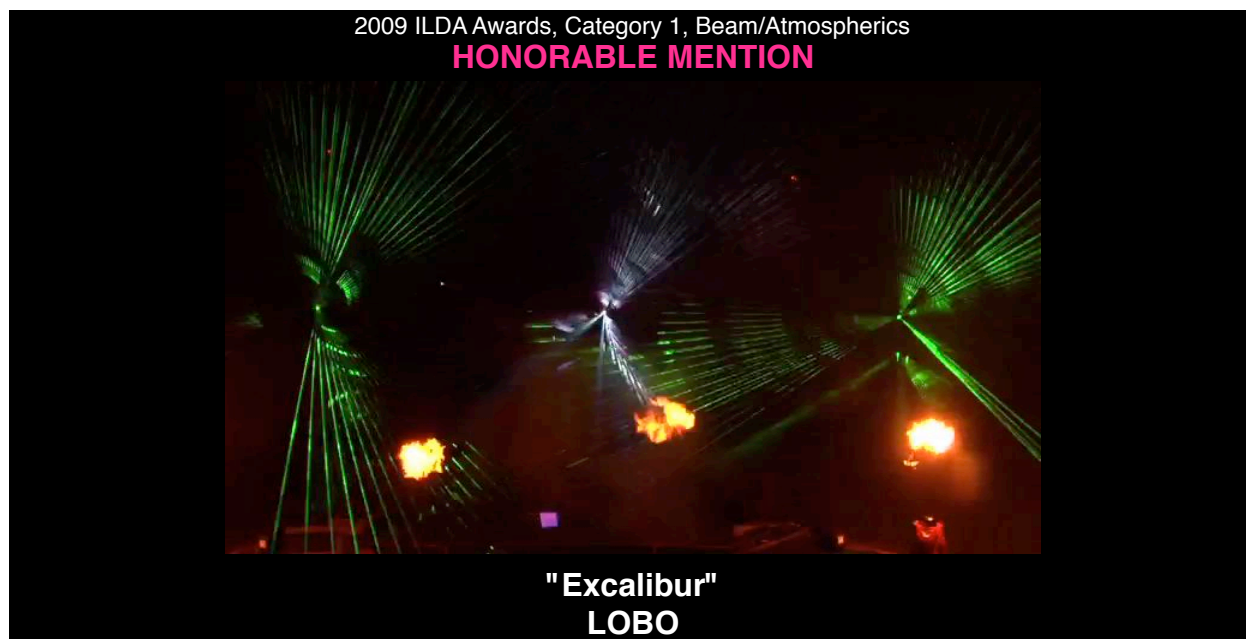


Show design: Roman Schuetz; Creative director: Alex Hennig  
Music: "Anthem" by Moby

Moby's "Anthem" is one of the classics of electronic music. A driving rhythm paired with a puristic arrangement of clear pads. Designing a show on such a music comes up with the problem, whether you follow the reduce philosophy

of the music -- could become boring -- or whether you are going to interpret parts, which are not there actually -- this approach looks sometimes too flashy and rarely harmonizes with the music.

Roman Schuetz solved the problem in a very elegant way. He stressed the subtle transformations and changes in the soundtrack to set clear contrast in shape, color and projector assignment. The result is an overwhelming experience which builds up a lot of tension and makes the visual experience and the sound one single entity.



Show design: Roman Schuetz; Creative director: Alex Hennig

Music: Nightwish from "The Phantom of the Opera"

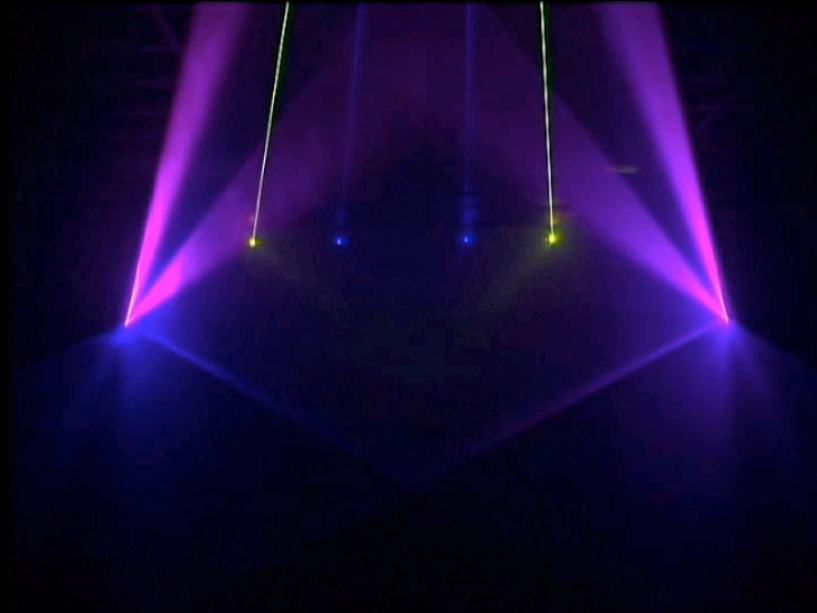
*[NOTE: This entry includes non-laser effects. The judges felt they could ignore these effects, and concentrate on the laser beams. This entry was judged only on the quality of the laser portion of the show.]*

During the last year, our design team has discovered synchronized fire effects with flames up to a height of 13 meters as a natural friend of atmospheric laser shows. In comparison to fireworks and pyro effects, fire is nothing but a short flash without launching times and post-glowing effects. And it creates an enormous impact on the audience also due to the strong thermal effects.

But it was important to us, to create shows which harmonize with these new means of expression. After a few experiments, "Excalibur" is our first atmospheric beam show which was dedicated to bring lasers and fire together. But also without fire, it is a very dramatic experience due to its very clear layout, perfectly supporting the strong soundtrack of Nightwish.

2009 ILDA Awards, Category 1, Beams/Atmospherics

**HONORABLE MENTION**



**"Pirates" (#4)**  
**HB-Laser**

Show designer: Jan-C. Friedrich, Dirk Dudek; Art director: Dirk Dudek

Music: "Pirates of the Caribbean" soundtrack (various)

*Presented and judged in laser*

This show was created within the monthly software contract for our customers. We selected this show for an entry because it is one of the shows with the most positive feedback we got from our customers and their audience. The soundtrack was also proposed by our customers.



## Category 2: Graphics Show

2009 ILDA Awards, Category 2, Graphics Show

**FIRST PLACE**



**"Holding Out For a Hero"  
LOBO**

Cell animation: Bella White, Digitizing: Melanie Kauffmann, Stephan Wellmann, Animation: Iris Schua, Idea & Design: Alex Hennig

Music: "Holding Out For a Hero", Sharon Bautista/TrueBeauty

The given version of Bonnie Tyler's old hit "Holding Out For a Hero" inspired us to think about the relation between women and men. With all their stereotypes and daily frustration. We present three women, looking for the man of their dreams. But rarely you fall in love with the partner of your dreams...

A lot of time has been spent, developing the three characters of the women, playing the main role in this short, speedy and funny animation clip. We wanted to have two rather perfect women and one, which serves as an identification basis to those women living in the real world. She is the one who finally does not follow the superficial attitude of the other two ones, but falls in love with a rather unspectacular guy.

About 1600 hand-drawn frames have been the basis for this show, combined with 3D-animated environments and layered with other animations. The show premiered in July 2008 for an open-air show in a German amusement park.



2009 ILDA Awards, Category 2, Graphics Show  
**SECOND PLACE**



**"Little Bit of Life"**  
**Laser Show Design**

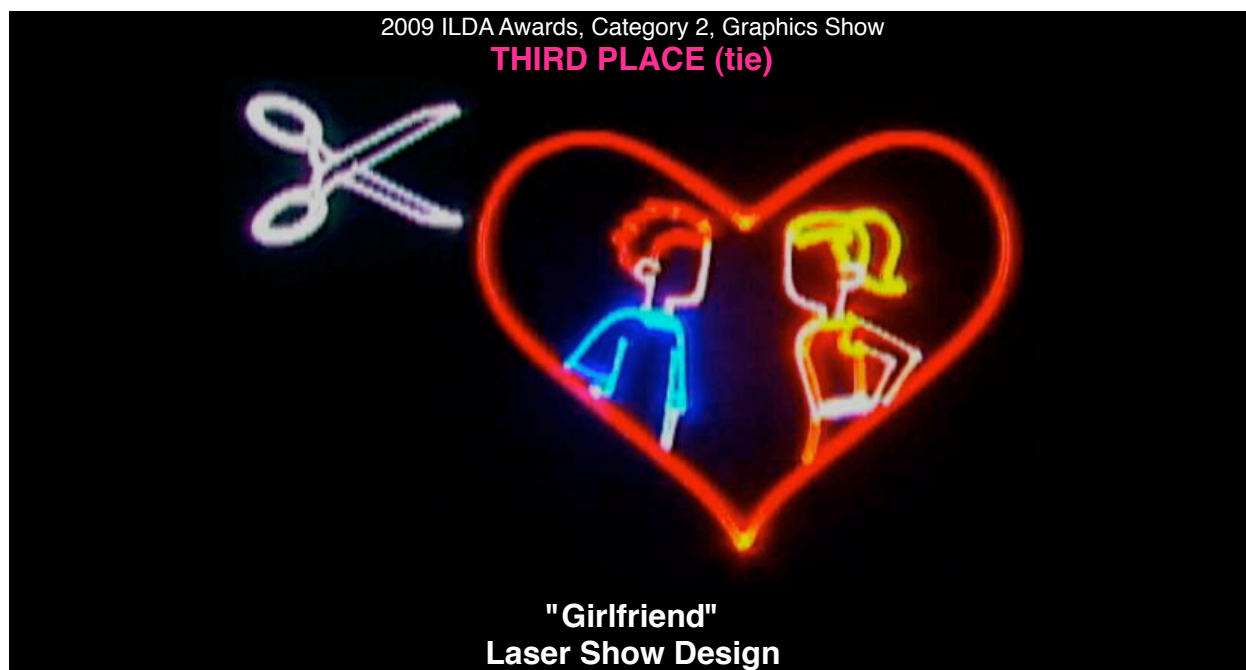
Director: Doug McCullough; Animator: Jerry Wallace; Programmer: Jeff Hwang

Music: "Little Bit of Life" by Craig Morgan

*Presented and judged in laser*

This piece was designed to entertain a family audience as part of an outdoor laser show presented nightly at a theme park in the U.S.

Using a classic hand-drawn animation style, our goal was to humorously interpret the song's lyrics into a storyline that would appeal to all age groups.



Director: Doug McCullough; Animator: Carl Graves; Programmer: Jeff Hwang  
Music: "Girlfriend" by Avril Lavigne  
*Presented and judged in laser*

This piece was part of a dance medley section of an outdoor laser show presented nightly at a theme park in the U.S. Our goal was to create an entertaining storyline with the song's lyrics, using a minimalist graphic style that would visually complement the music.



Art Director: Alexy Panin; Graphics: Alexy Panin, Kirill Nikitochkin  
Music: "La Corrida" by R. King

The show was made as a presentation of the 2009 year symbol -- the yellow bull. It was an intro of the Spanish-style New Year party and the task was to introduce some Spanish characters. The rat (2008 symbol) was to turn into the bull.



Director: Doug McCullough; Animator: Dave Oxenreider; Programmer: Jeff Hwang

Music: "Shut Up and Drive" by Rihanna

*Presented and judged in laser*

This piece was part of a dance medley section of an outdoor laser show presented nightly at a theme park. Our goal was to visually interpret the song's sexy lyrics in a way that would appeal to family audiences.

We decided to create a series of quick scene cuts showing a hot sports car, almost like poses from a fashion show, ending up in a "drifting" sequence with fully-animated plumes of smoke emanating from the tires. This segued into a point-of-view perspective ride on one of the main roller coasters from the theme park. We created an accurate 3D model of the actual roller coaster for this sequence.

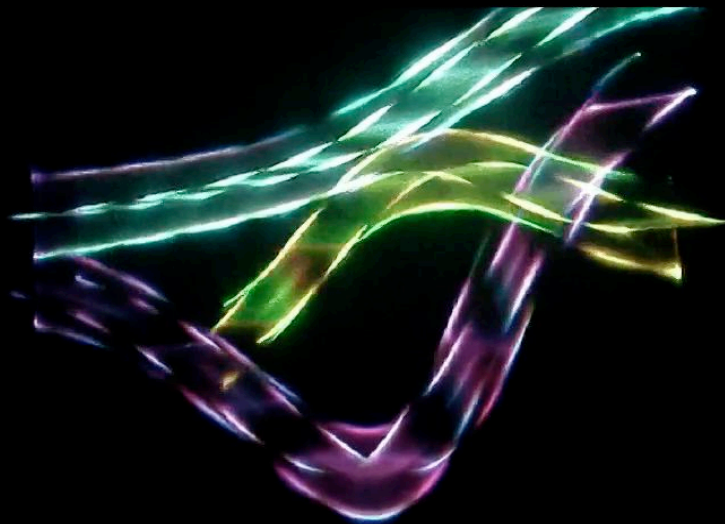
The audiences responded with screams of enthusiasm!



## Category 3: Abstract Show

2009 ILDA Awards, Category 3, Abstract Show

**FIRST PLACE**



**"Tubular Bells"**  
**Scanergy**

Creator: Tibor Groholy; Photographer: Akos Kohalmi  
Music: Tubular Bells

Description not supplied

2009 ILDA Awards, Category 3, Abstract Show

**SECOND PLACE (tie)**



**"Jarre abstract"**  
**Planetarium Hamburg**

Show designer: André Hollung; Creative director: Simon Böttcher  
Music: "Equinoxe 4" by Jean-Michelle Jarre

This is the abstract part of the Jarre song "Equinoxe 4", the bridge and finale. The laser follows the song in a playful and exotic but also somewhat "edgy" way. The show is programmed for a dome where gigantic lissajous figures, filling the whole room alternate with small minimalistic graphics.



Show designer: Sebastian Bernt; Creative director: Simon Böttcher  
Music: "Drifting Away", Faithless

Microcosmic is an abstract show diving into images seemingly from other worlds. In the beginning the viewer is thrown into the microscopic world of crystals and other objects. The whole show is based on these in one way or another.

This begins at scanline images and videos and goes on to rotating lines and other graphics based on the color information of the images. For example, the color information of the scanline image is picked up by a rotating line which then falls into the audience. The designer plays with all available scanline techniques as well as raster images (overlays) in various shapes.

Laser was also the perfect medium to display these images (colored scanning electron microscope images) as it provides the strong and high-contrast colors to draw images of crystals and other microcosmic elements. The programmers did not shy away from moving the camera through worlds of crystal.

The whole show is programmed for 360 degree (dome) projection, but was compressed for this ILDA Award entry.

2009 ILDA Awards, Category 3, Abstract Show

**THIRD PLACE**



Director: Doug McCullough; Programmer: Jeff Hwang; Animator: Dave Oxenreider; SFX designer: Aron Bacs  
Music: "Into the Night" by Carlos Santana and Rob Thomas  
*Presented and judged in laser*

This piece was part of an outdoor laser show presented nightly at a theme park in the U.S. Our goal was to use the song's evocative lyrics as the basis for a psychedelic voyage into a pulsating realm of color and light.

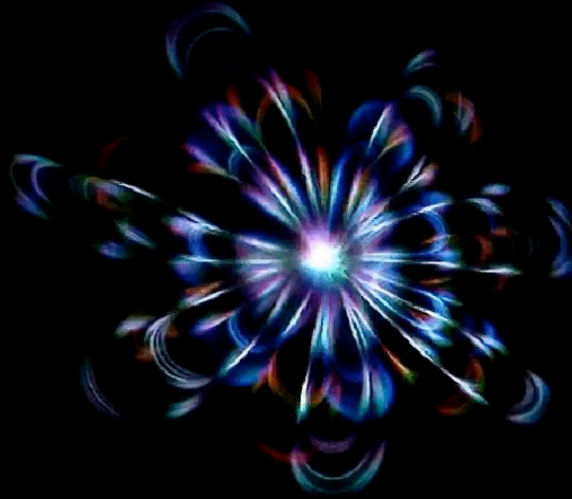
For the beginning of this piece we developed a "finger painting" technique where squiggly lines of laser light were created in real time with the lead guitar. We were literally playing the laser with the guitar!

During the psychedelic voyage, we used an abstract image synthesizer to create a circular mandala with three harmonic frequencies of color modulation.

During this piece the audience would appear mesmerized and then erupt into wild applause at its conclusion.

2009 ILDA Awards, Category 3, Abstract Show

**HONORABLE MENTION**



**"Alpha"**  
**Scanergy**

Creator: Tibor Groholy; Photographer: Akos Kohalmi  
Music: Not stated

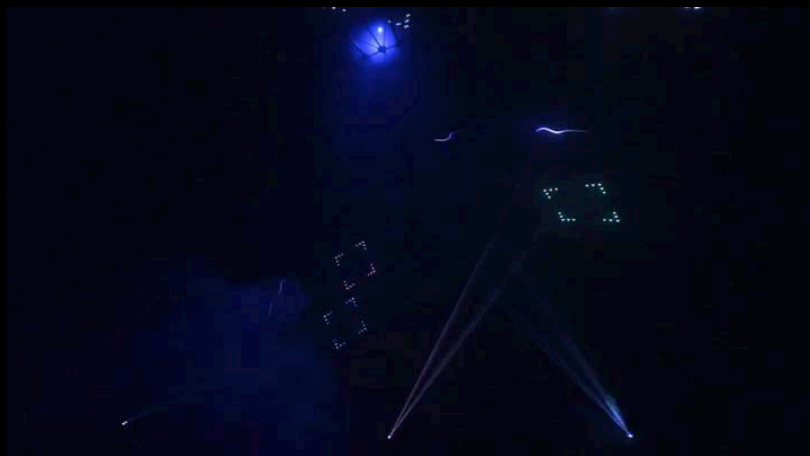
Description not supplied



## Category 4: Beams and Screen Show

2009 ILDA Awards, Category 4, Beams and Screen Show

**FIRST PLACE**



**"Ride to Agadir"**  
**Planetarium Hamburg**

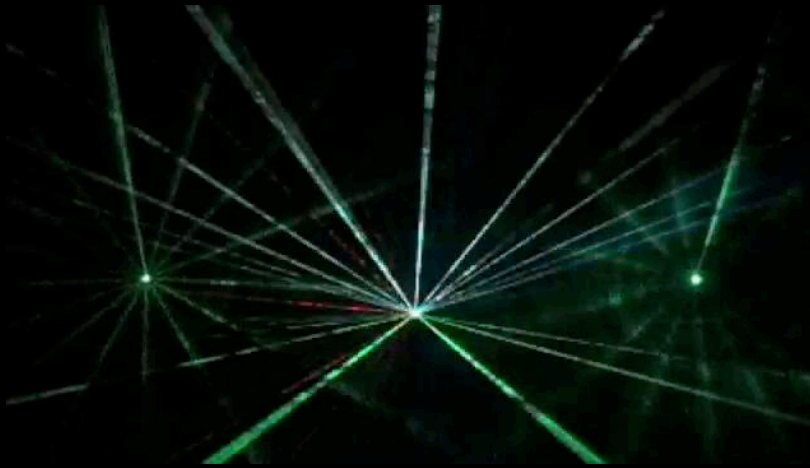
Show designer: Simon Böttcher, Dennis Bliefernicht, Sebastian Bernt

Music: "Ride to Agadir" by Mike Batt

"Ride to Agadir" is an encore to the Mike Batt show "Voices in the Dark". Various effects were used to represent individual instruments (like the clarinet or guitars) while in other parts we use supporting, flowing effects to underline the vocals. This proved to be quite a challenge as many parts are mainly vocal.

2009 ILDA Awards, Category 4, Beams and Screen Show

**SECOND PLACE**



**"La Feria De Mexico 2008"**  
**Laser Spectacles Inc.**

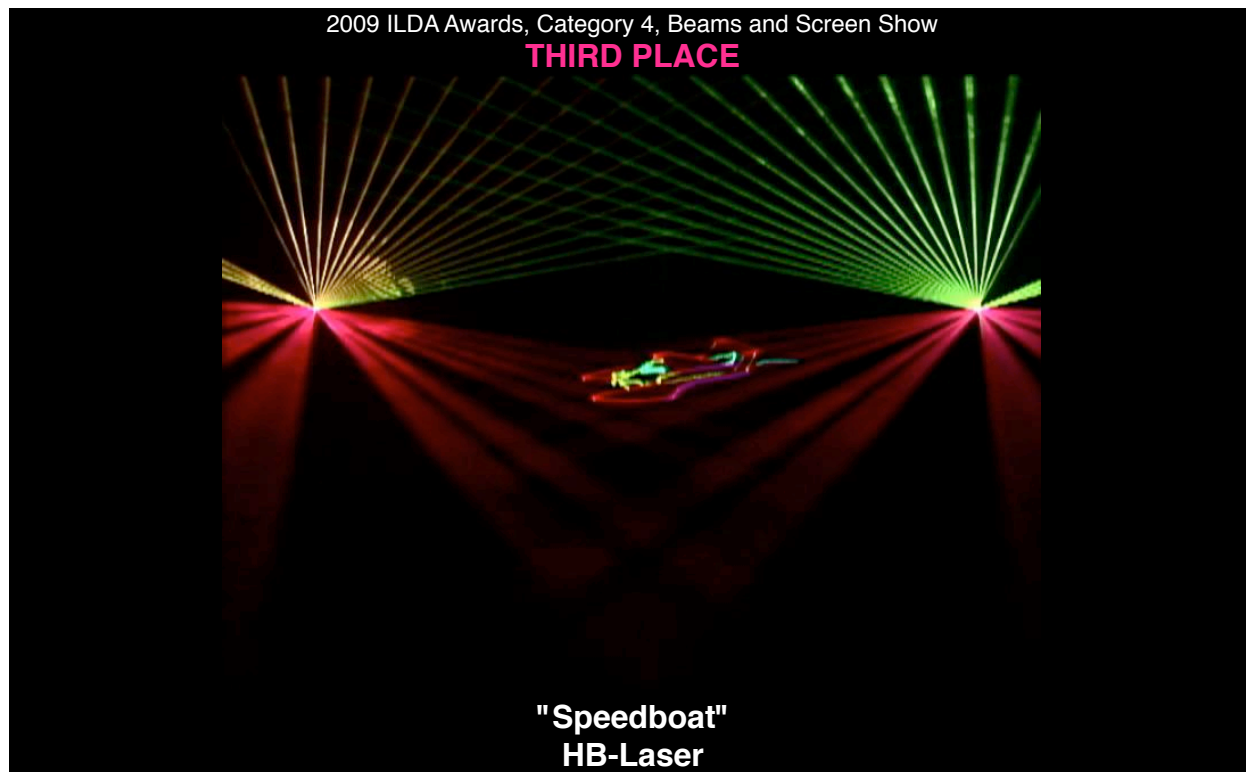
Producer: Jose Maria Vasquez; Laser design: Ralf Bergmann; Laser programming: Tim Walsh

Music: "Rayos 2008" by Miguel Vasquez

*Presented and judged in laser*



The show was made to entertain the audience at "La Feria de Mexico" in Aguascalientes, in the 5000 seat Palenque, after the cockfights and before the musical entertainers.



Show designer: Christian Kaiser, Dirk Dudek; Art director: Dirk Dudek

Music: "The Race" by Yello

*Presented and judged in laser*

This show was created for an event at the evening opening ceremony for the Formula 1 Speedboat Race Championship in Doha, Qatar.



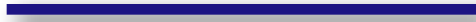
Director: Doug McCullough; Animator: Carl Graves; Programmer: Jeff Hwang; Artist: Jerry Wallace

Music: "Lovestoned" by Justin Timberlake

This piece was part of a dance medley section of an outdoor laser show presented nightly at a theme park. Our goal was to momentarily transform this huge outdoor venue (with audiences of 5,000 to 15,000) into a "club" type atmosphere.

By juxtaposing silhouetted dancers against dynamic abstract backgrounds, we were able to create a very unusual look to the lasers -- almost like an enormous video display. With the beam effects keeping the beat, the audience responded perfectly, by dancing along.

Please note that this video was shot from the front row of the venue, with the camera simply pointed up at the 60-ft. tall screen.



## Category 5: Nightclub/Disco Show



Show designer: Timo Feifel; Art director: Dirk Dudek

Music: "Adagio for Strings" by DJ Tiesto

*Presented and judged in laser*

This show was created to use at a discotheque or nightclub. It contains trance and parts of classic. We selected this soundtrack proposed by our customers and as an homage for "Adagio for Strings".

2009 ILDA Awards, Category 5, Nightclub/Disco Show

**SECOND PLACE**



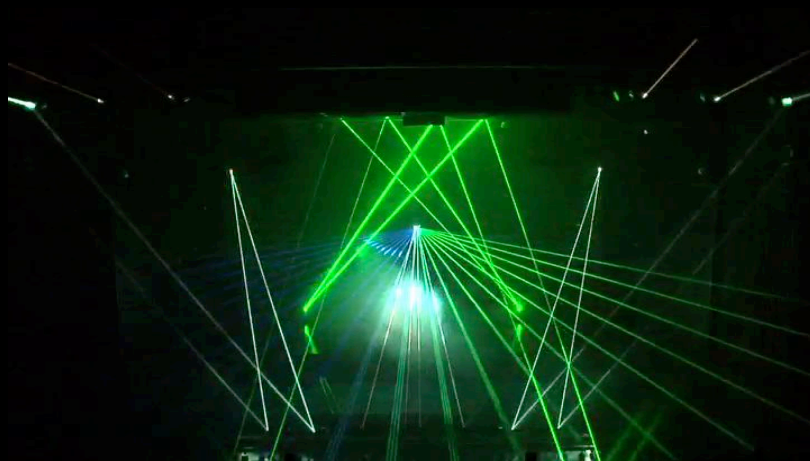
**"Girl Talk"**  
**Lightwave International Inc.**

Show design: Alan Fueher; Live laser operator: Jesse Parker; Live lighting operator: Randy Grosclaude  
Music: Various live songs selected by the performing artist

GirlTalk is a live musical performance with an emphasis on live lighting and lasers: one laser operator, one computer, but big results. All songs performed live with no knowledge or preparation of song queue.

2009 ILDA Awards, Category 5, Nightclub/Disco Show

**THIRD PLACE**



**"Black Box"**  
**LOBO**

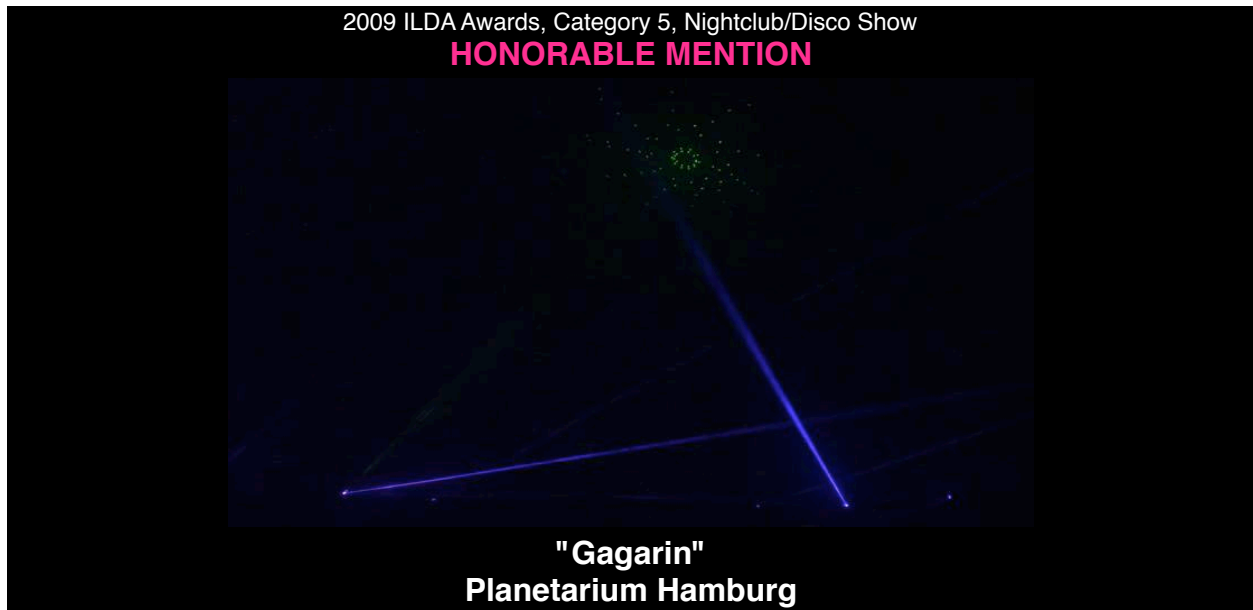
Show design: Iris Schua, Creative director: Alex Hennig  
Music: "Lifter Re-Mix" by Alex Kunnari

According to the feedback we received, this piece became one of this year's top favorites of our clients. The show is perfectly supporting the action on the dance floor and the groove of the music with clear beam effects in combination with perfectly timed movements and an impressive arrangement of softly flashing, color-changing mirror effects.

Due to the success of the show we made a special demo version for our studios with 13 laser projectors.

This show has been produced for a show service on subscription basis especially for discotheques which includes the monthly delivery of show. The perfect optimization to the specific venue is automated by means of a

parameterized setup description which is applied to each new show. The video demonstrates how the show looks in the production studios where it has been designed.



Show designer: Simon Böttcher

Music: "Hey Gagarin" by Jean-Michelle Jarre

*[NOTE: Planetarium Hamburg holds events with a live disk jockey, video jockey and laser jockey. The atmosphere is different from a standard planetarium show. Because of the live interaction between the DJ, VJ, LJ and audience, this show does qualify for the Nightclub/Disco category.]*

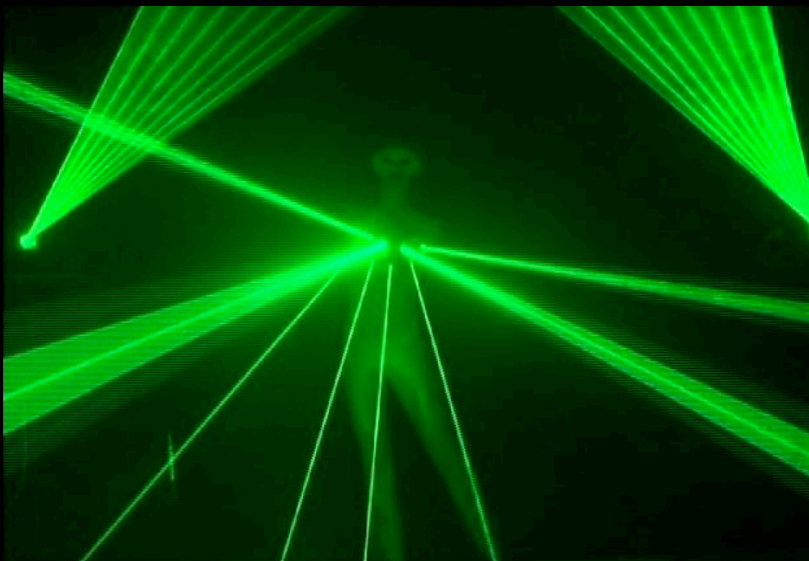
"Gagarin" was designed as the finale to an hour-long multimedia show. Its purpose is to honor the bravery and achievements of the first cosmonaut, Yuri Gagarin. The viewer is swayed into waves, leading to the energy streams into abstract dome projection. Digital abstracts on the dome let the audience float on the trail of Gagarin himself.



## Category 6: Innovative Application

2009 ILDA Awards, Category 6, Innovative Application

**SECOND PLACE**



**"Laser Fingers"**  
**LaserX**

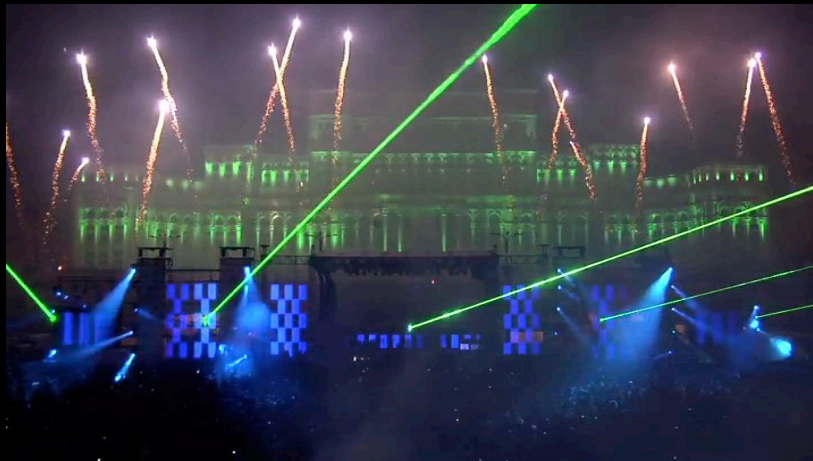
Creator: Troy Bentley; Dancers: Linda Bentley, Renee Britz, Jenna Grenfell  
Music: Not stated

We created the laser finger dancer act when we saw the need to offer something unique and different from the normal laser show to our clients. It was imperative that we created a visually high-impact act that would leave a lasting impression in the spectators' mind.

## Category 7: Multimedia Show

2009 ILDA Awards, Category 7, Multimedia Show

**FIRST PLACE**



**"Bucharest New Year Show 2009"**  
**LOBO**

Show director and lighting design: Jerry Appelt; Laser choreography/Fog: Lutz Kleine-Herzbruch; Laser show design: Alex Hennig, Iris Schua, Roman Schuetz, Benjamin Kuchar, Christine Breuer; Laser technical crew: Martin Malorny, Sebastian Thiemeier

Music: Various

*[Edited statement]*

An open air show at the Palace of the Parliament, the world's largest civilian building.

In less than 3 weeks, the whole show has been developed from scratch, partly based on our show library.

Approx. 100 meters above the stage, a multi-color laser system of the latest generation projected the countdown into the New Year onto the facade of the 275 meter wide Palace of the Parliament and created mirror effects during the subsequent show, while five additional projectors have been installed to create atmospheric beam effects right in front of the spectators.

It was a central goal of this show, that the different media, such as lasers, lights and fireworks do not kill each other, but synergistically complement each other to a real multimedia symphony. Especially the colors of lasers and the more than 60 Space Cannons, 360 moving lights and another 64 CityColors had to be harmonized in brightness and color. And all this had to be done within just one night of programming on-site.



2009 ILDA Awards, Category 7, Multimedia Show

**SECOND PLACE**



**"Orenburg 265 Years"**  
**Orion-Art Multimedia**

Producers: Sergey Pavelev, Alexander Timofeyev; Director: Victoria Rakhinskaya; Technical director: Pavel Korotkov; Laser design: Alexey Panin, Kirill Nikitochkin; Water fountains and light design: Anton Korzakov; Pyrotechnics design: Sergey Sorokin; Video production: Sergey Mironov; Sound design: Alexey Malishev  
Music: Nino Rota, Vladimir Cosma, Maxim Dunaevsky, Sato Naoki

It is a 25-minute multimedia show celebrating the 265th Anniversary of Orenburg, a town on the Ural River in Siberia. The performance took place on August 30, 2008 in the city's stadium for 40,000 spectators.

2009 ILDA Awards, Category 7, Multimedia Show

**THIRD PLACE**



**"Mysteria - Multimedia Version"**  
**LOBO**

Idea: Achim Schnitzer; CA: Christian Schnitzer; Beams: Roman Schuetz; Laser animations: Peter Wild; Director: Alex Hennig; Technical director: Bernd Noss  
Music: "Mysteria" by Calren Studios, lead singers: Aswintha Vermeulen, Konstantin Rittel-Kobylianski



The huge outdoor laser and fire musical "Mysteria", the highlight of every evening during Europa Park's "Creepy Weeks", was one of the most successful theme park shows ever. The show received the best critics ever in the history of Europa Parks spectacles. Never before has there been such a seamless interaction and such a perfect balance between actors on stage, video, and lasers.

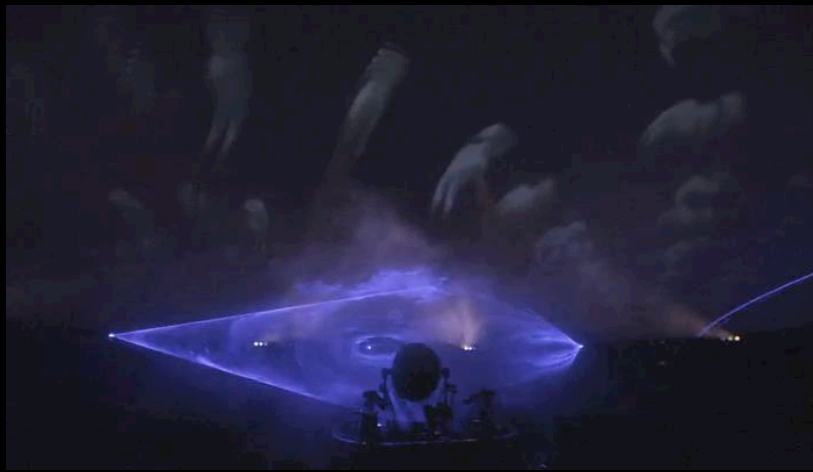
Due to the enormous response, our company decided to develop together with Calren Studios and the live actors a multimedia version of this spectacular.

Certainly it is a difference, whether there are live performers and singers on stage or whether you base a show on video, lasers, and special effects only. So, nothing remained untouched to make this media version happen. The sound track has been completely re-mastered. Some elements vanished, others have been created totally new. New recordings of the actors had to be made, as well as new composites and finally completely new laser and computer animations, optimized to an angular screen setup.

While the original version "only" used 6 laser projectors, the final multimedia version was optimized for using 10 projectors. This made it possible to create a vivid interplay between the different laser projectors, by handing over effects or for example creating wave effects all over the different projectors.

2009 ILDA Awards, Category 7, Multimedia Show

**HONORABLE MENTION**



**"The Cosmic Wall"**  
**Planetarium Hamburg**

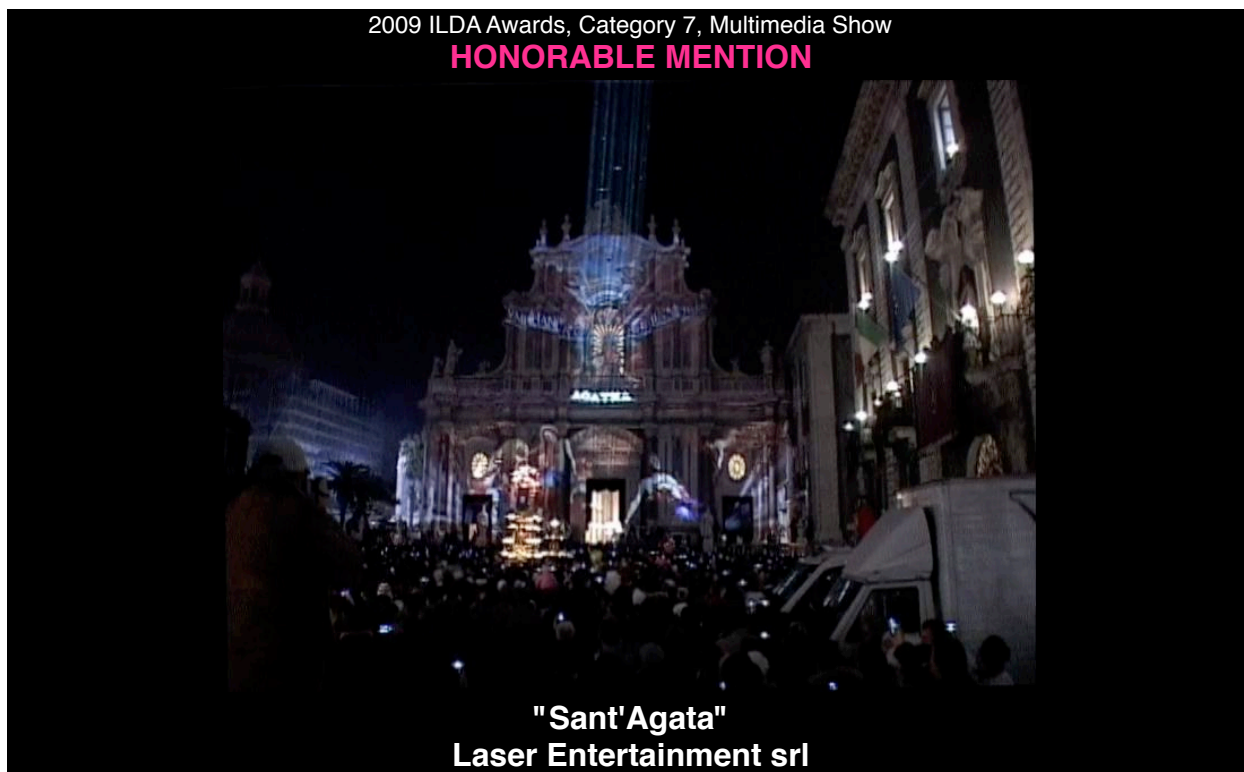
Laser design: Simon Böttcher, Michael Stachorski, Dennis Bliefernicht, André Hollung, Benjamin Kucher; Video: Starlight Productions, Tim Florian Horn, Kenan Bromann; Director: Thomas W. Kraupe  
Music: "The Wall" by Pink Floyd

"The Cosmic Wall" is a fulminant homage to Roger Waters, David Gilmour, Nick Mason and Richard Wright. In this hour-long 360 degree multimedia show we try to engulf the audience in the somewhat dark story of Pink Floyd's "The Wall". The viewer is thrown into a colorful mix of emotions displayed through video projection, light and laser shows. Laser is used to accentuate and vitalize the dome projection and temporarily give the audience a feeling of being live at the Pink Floyd concert rather than in a theater.

The "concert" is introduced with the classic hammer logo as well as a live recording, then fading into the studio album. In the finale the show returns back to the live recording, bringing back the meanwhile faded "live" feeling. In between the show descends into the growingly gloomy world of the protagonist, a rock star called "Pink".

The show features full laser beam shows as well as supporting laser effects, especially graphics and mirror effects.

2009 ILDA Awards, Category 7, Multimedia Show

**HONORABLE MENTION****"Sant'Agata"****Laser Entertainment srl**

Effects & graphic programmer, editing and synch: Lorenzo Pompei; Film slide editing: Lorenzo Pompei; Soundtrack mix & laser hardware set-up & multimedia synch: Nicholas Di Fonzo; Multimedia show producer and show director: Alberto Kellner

Music: A mix from different artists

This show was produced for the sacred festival of Sant'Agata the Saintess protector of the Sicilian city of Catania.

This event is the most important Catholic celebration event in Catania. The organizing committee asked to produce a multimedia show to add to the typical fireworks that are fired in front of thousands of people in the main central square where the Sant'Agata Cathedral is.

Since the artistic possibilities were very limited due to the religious aspect of the event, and for the traditional and conservative culture of the organizers, we were allowed to use only a restricted number of images and pictures that were approved by the Church, the City and according to the tradition of the event. Despite this, we think we enhanced the sense of the celebration and offered to the audience additional emotions, painting with light the baroque facade of the Cathedral.

## Category 8: Live Stage Performance

2009 ILDA Awards, Category 8, Live Stage Performance  
**FIRST PLACE**



**"3D Laser Prism: 2008 Dark Side of the Moon World Tour"**  
**Lightwave International Inc.**

Laser server programming: George Dodworth (Lightwave); GrandMA programming: Martin Potoczny (Lightwave); Lighting designer: Marc Brickman; Original design team: George Dodworth, Martin Potoczny, Marc Brickman, Kelly Stickse (ETC), Mike Dunn (Firstlight Laser Productions), Chris Nyfield (Hindsight Studios), Rob Mudryk (GCN Technologies), Casey Stack (Stack Technical Services), Steve Jander (Showlasers)  
 Music: Roger Waters playing various songs from the tour

These video clips were captured during various European stops during the 2008 Dark Side of the Moon World Tour. The 2008 Tour featured numerous power, control and visual upgrades over the 2007 effect. The intent of the laser sculpture, the iconic prism with entering laser and exiting rainbow, was to recreate the album artwork from "Pink Floyd - The Dark Side of the Moon" as originally designed by Strom Thorgeron as a three-dimensional artform.

One of the main goals was to have a dramatic reveal of the prism -- so the structure could not resemble a pyramid until activated. This prevented the use of traditional light sources such as LED or neon. In fact, lasers were more of a means to an end. The effect was never intended to look like a laser effect.

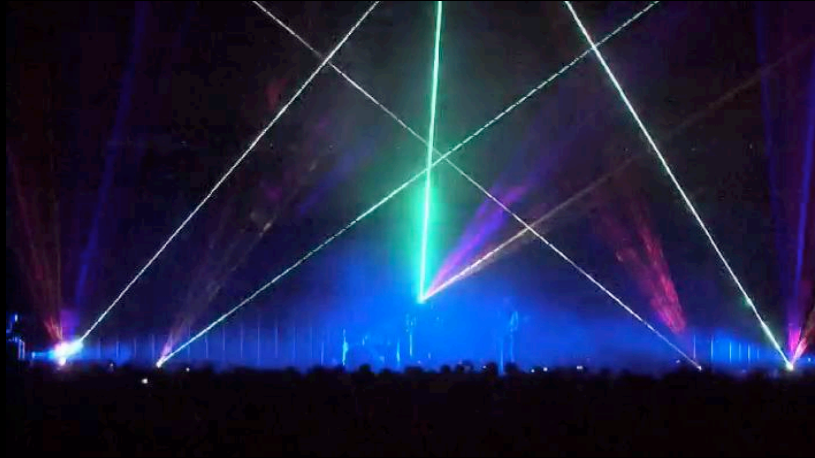
The pyramid itself was sculpted from large up-collimated beams from high-powered RGB direct-diode lasers which followed a series of mirrors to form the prism. Popular belief is that the pyramid was formed by neon, LED or other lighting technology. In fact, the space between the prism legs was empty. Lasers, when activated, filled this space and created the actual prism design in true 3D. The white beam and rainbow were formed by two additional LED systems.

During two important shows, the entire laser sculpture was translated on an overhead trolley system. The most impressive version of this implementation raised the prism from a hidden position behind a massive video wall, which then moved downstage while still rotating and executing all of the programmed effects.

The system was designed for rapid tour deployment. Thus, all the electronics and lasers rode inside the metal housings for the duration of the tour. Highly rugged and reliable solid state technology was essential to this time-saving step, and of course reduced the power budget from many hundreds or thousands of kilowatts to a few thousand watts, while negating the need for any water cooling.

Lasers: Two 34W RGB (white light and rainbow), three 12W RGB (prism-forming lasers).

2009 ILDA Awards, Category 8, Live Stage Performance

**SECOND PLACE**

**"Ghostland Observatory"**  
**Lightwave International Inc.**

Show design: Thomas Turner (Trashy Moped Records); Lighting design and laser programming: George Dodworth (Lightwave); Live laser operator: Jesse Parker (Lightwave)  
 Music: Various songs from the Ghostland Observatory tour

Ghostland Observatory is a relatively new band that has developed a huge and loyal fan base by delivering no-compromise performances worldwide. This was achieved largely through the use of lasers - and lots of them. This band often has 40-100W of laser power on stage at any show, and achieves the look and feel of a band much larger and more experienced. This approach, and initial financial sacrifice by the band, has paid off through massive attendance, outgrowing venues, and an image branding that is quite simply: LASERS.

Initial programming was created as short Pangolin Showtime cues that were then exported frame by frame and then massaged in the live software to create a cue-to-cue environment without a lighting console. Since the band performs live and changes songs on the fly, cues are arranged as a song per page and the live operator can adjust in real time to deliver beat-accurate performances with every show -- and with a show-to-show accuracy that does not vary from city to city. Essentially live flexibility with the precision and repeatability of time code.

Lasers: Two 12W RGB, two 5W RGB, 1 8W green.

2009 ILDA Awards, Category 8, Live Stage Performance

**THIRD PLACE**



**"Rollercoaster Event"**  
**HB-Laser**

Show designer: Christian Kaiser, Jan-C. Friedrich; Art director: Christian Kaiser

Music: "Amaranth" by Nightwish. During the laser performance, rhythm and music were performed live.

This show was created as a logo animation for a company which builds real roller coasters for theme parks. It was part of the opening animation during the main event evening show for the IAAPA International Association of Amusement Parks and Attractions meeting in Munich, Germany.

During this laser graphic animation there was rhythm and music performed live.

2009 ILDA Awards, Category 8, Live Stage Performance

**HONORABLE MENTION**



**"Metallica"**  
**Laser Design Productions**

President and designer: Doug Adams

Music: "That Was Just Your Life" by Metallica, from the "Death Magnetic" World Tour

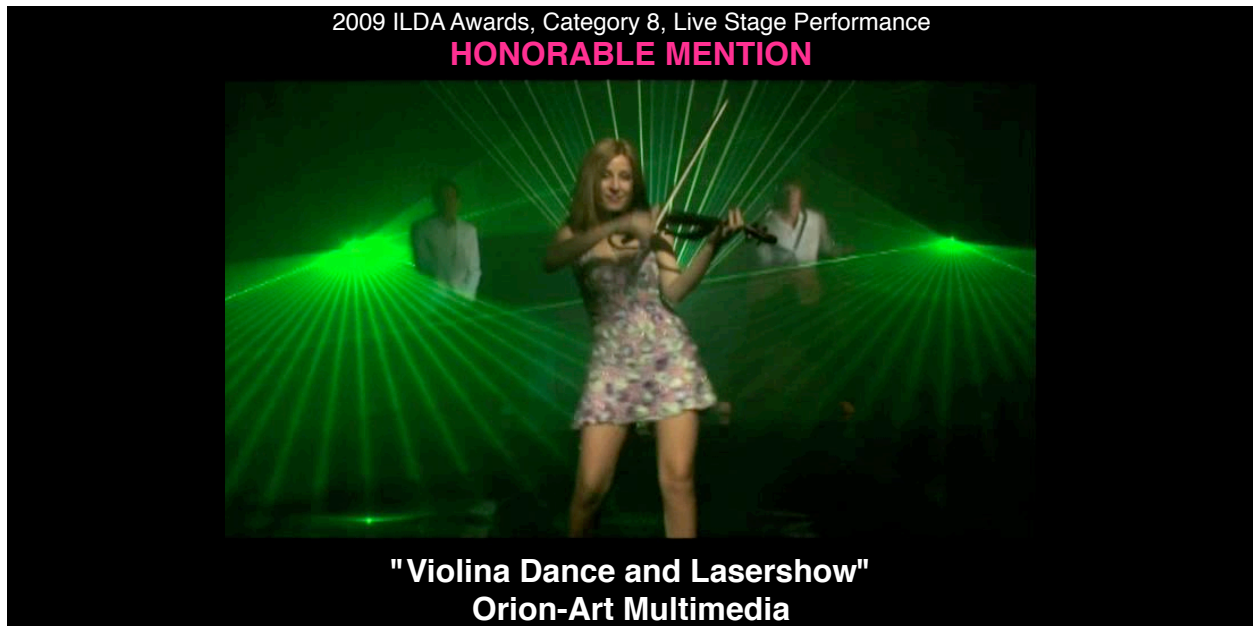
*[Text edited from original.]*

All contents, including photos, ©2009 by the International Laser Display Association. Permission required for reproduction.

Doug Adams has been working with Metallica for numerous years. With the most recent and current world tour "Death Magnetic", Doug supplied not only the pyrotechnic designs but also brought laser displays to his arsenal of effects.

This song "That Was Just Your Life" is the opening act on the "Death Magnetic" world tour. The goal is to border and silhouette the artist at any given time on the stage while having the lasers follow them around the stage.

The stage set was designed in the round. The aim is to always illuminate the band without any other light source but lasers from all angles. This is achieved from lasers positioned at all angles from the front of the exteriors of the arena, elevated to 60 feet in the air to over the stage 40 feet in the air and lower levels right and left. The final result is a spectacular laser show to complement the act.



Art director: Violina Dance; Laser beamshow designer: Alexey Panin, Producers: Alexey Ershow, Alexander Timofeyev

Music: Violina Dance

Music-synchronized lasershow for famous violinist Violina Dance.



## Category 9: Lasers Used in Video/Film



Programming: Thomas Gramatke; Set operator: Patrick Dietzel

Music: "Vergiss Mich" by Sha

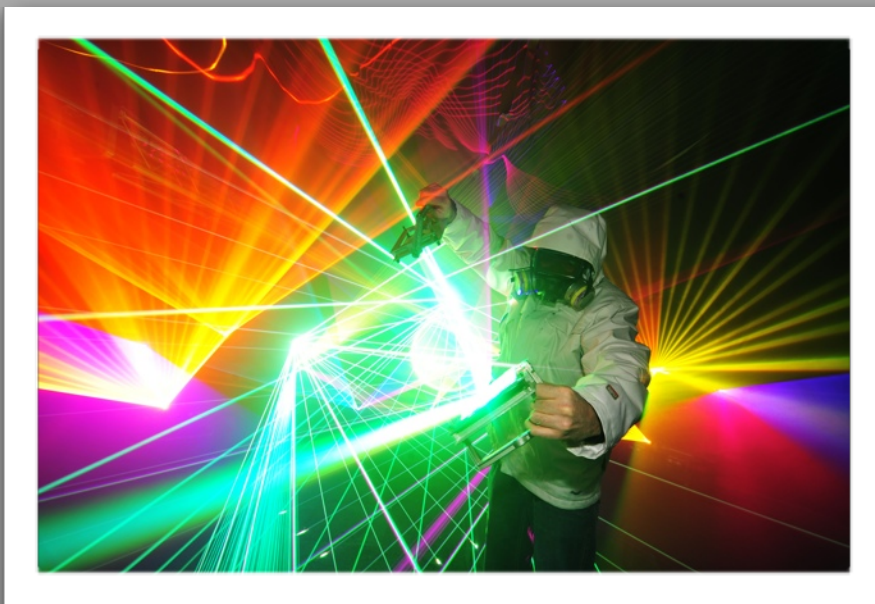
This show was created for a music video by Sha. It was recorded in an abandoned power plant in Berlin. The video shows the finished production as seen on TV. The lasers used were the company's first RGB projectors (test units).

It was freezing cold in the power plant and we had a hard time getting full power from the lasers. A problem which is solved today by modern electronics. For these few seconds of laserlight in the video, we had to freeze for about eight hours of filming.

## Category 10: Laser Photography

2009 ILDA Awards, Category 10, Laser Photography

**FIRST PLACE**



**"Caution! Laser Radiation!"  
Lightwave International Inc.**

Photographer: George Dodworth

Safety experts love to pair the words "laser" and "radiation" together. Radiation evokes fear in a primitive and uncontrollable way -- but these feelings belong to non-ionizing radiation more so than lasers. These signs belong in the average American basement to accompany the ionizing and dangerous radon gas that exists nearly everywhere in North America and elsewhere in the world. A reading lamp emits radiation if classified the same as our entertainment lasers.

But what if lasers DID emit ionizing radiation? Well, you would need to don some fancy protective laser gear. Caution! Laser Radiation!

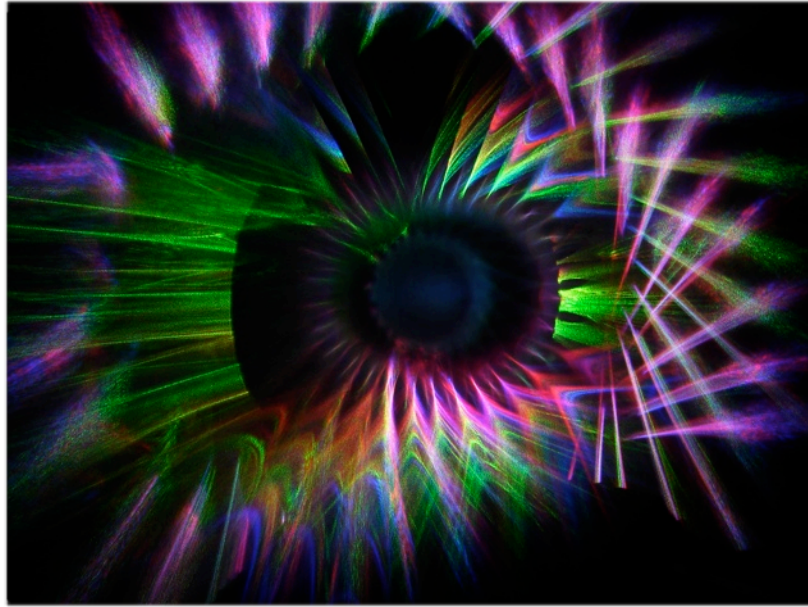
Captured on a full-frame Nikon D3 with a Speedlight flash at 1/64 and a 14mm lens. Single exposure -- actual representation of the subject presented with no retouch or editing. There are only single exposures within this photograph, and no "moving beam tables" and such which create artificially high beam counts in a photograph. This is one static image with LOTS of lasers.

F/7.1, 1/6 sec., ISO 200.



2009 ILDA Awards, Category 10, Laser Photography

**SECOND PLACE**



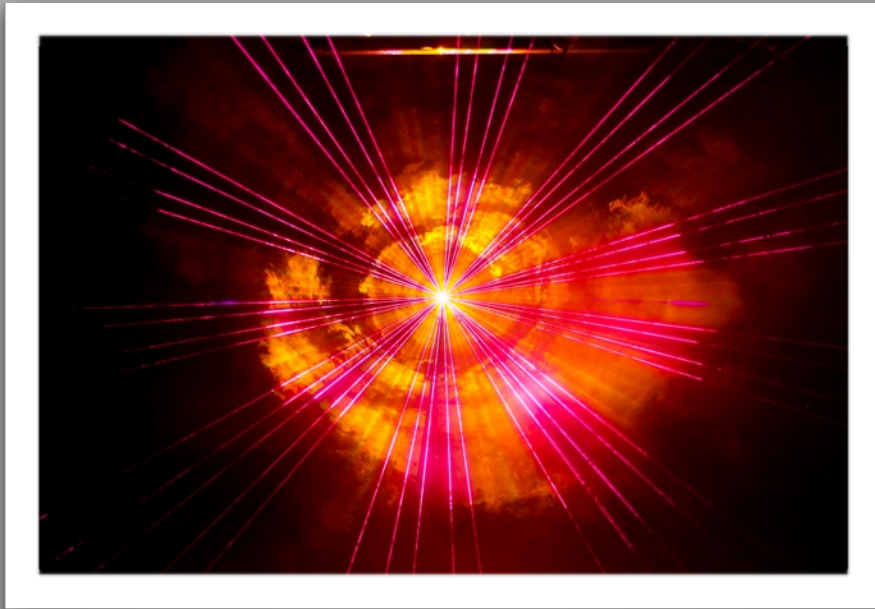
**"Laser Eye 2"**  
**Scanergy**

Creator: Tibor Groholy; Photographer: Akos Kohalmi

Description not submitted.

2009 ILDA Awards, Category 10, Laser Photography

**THIRD PLACE**



**"Supernova"**  
**spectrabeam.de**

Photographer: Harald Egger (Austria)

Photographed from a running show at the LaserFreak meeting Christmas 2008 in Bavaria, Germany.

2009 ILDA Awards, Category 10, Laser Photography

**HONORABLE MENTION**

**"Laser Eclipse"**  
**Lightwave International Inc.**

Photographer: George Dodworth

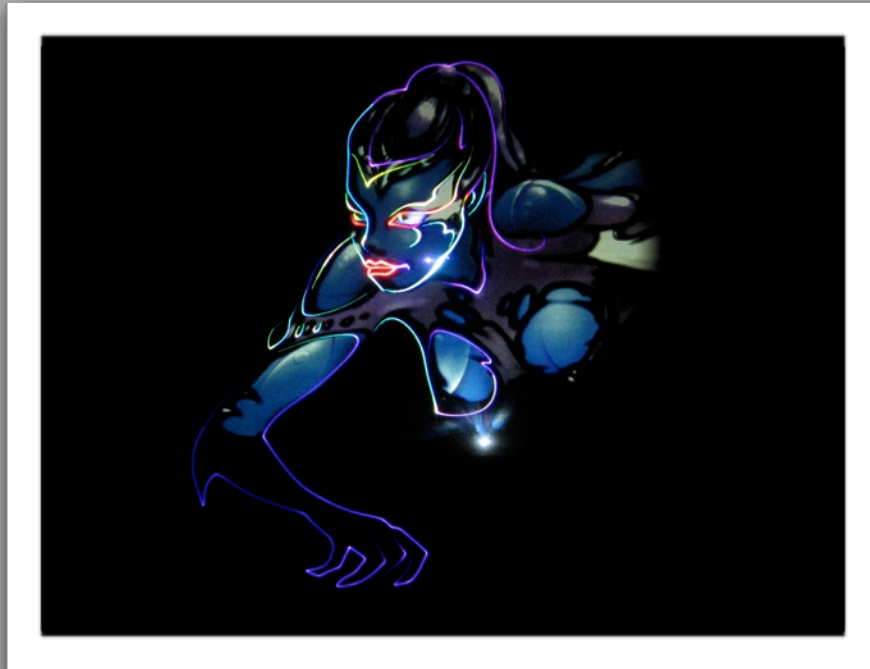
For two years I chased this prism, and always hoped for the perfect photograph. This was usually not possible from the control location, but this evening I was free to join the audience with my camera. It is difficult to capture a moving device which is emitting scanning lasers without selecting an exposure that cuts the scan short (incomplete rainbow), overexposes the video screen, washes out elements, or simply misrepresents what is seen with the eyes.

This photo was a magic combination of exposure that resulted in balanced detail in the prism, video screen (where the moon details still show), and the stage and audience detail is not corrupted. Cell phones are seen in the audience, lighters, and even the cloud of fog that was hovering just upstage of the effect. This was a once-in-a-lifetime photo for me.

Captured on a full-frame Nikon D3 with no flash and a 50mm fixed lens. Single exposure - actual representation of the subject presented with no retouch or editing. F/1.8, 1/15 sec., ISO 200.

2009 ILDA Awards, Category 10, Laser Photography

**HONORABLE MENTION**



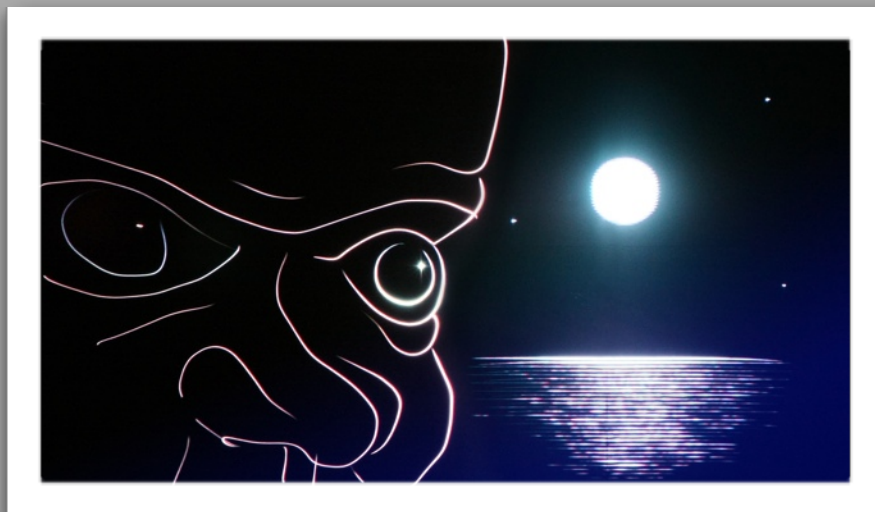
**"Laser Lady"**  
**Laser Entertainment srl**

Graphic programming, video background image design, and photo shooting: Lorenzo Pompei

A nice picture with two mixed techniques: a background video image and a laser outline. Both images were designed and produced by our art director.

2009 ILDA Awards, Category 10, Laser Photography

**HONORABLE MENTION**



**"Magician"**  
**LOBO**

Show design: Roman Schuetz; Arrangement: Alex Hennig

This photo is part of a recent complete documentation of various shows. It shows the 3D character of an old magician, who is standing on a cliff above the sea. It is a beautiful example of how flexible the medium of laser can be:

For outlines which can even simulate dramatic lighting effects making the face look really vivid and three-dimensional.

And for video-like scanline projections, which realistically show the moon and its reflections on the sea.

