



# 2013 ILDA AWARDS

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at the 2013 ILDA Conference, hosted by LOBO



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Cover photo: *Laser Sculpture*, Dirk Baur, MediaLas  
Second Place winner, Laser Photography

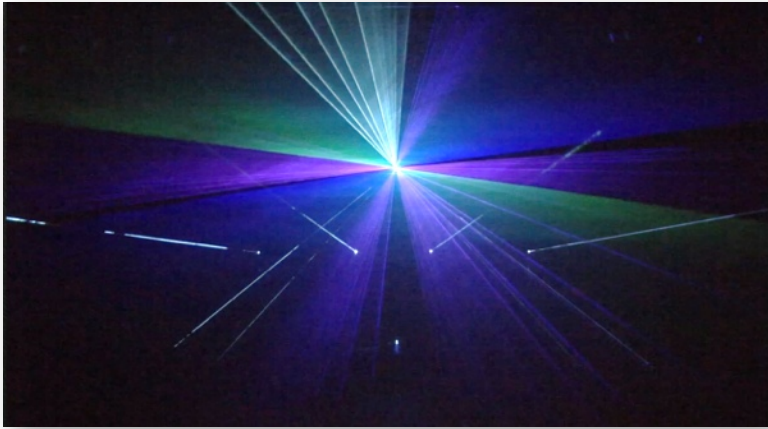
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## **Beams/Atmospherics Show for a Single X-Y Scanner Pair**

**Third Place**  
*Lethal Angel*  
LOBO



*Beams: Daniel von Alkier*  
*Creative Director: Alex Hennig*  
*Music: Two Steps from Hell - Hero*  
*Length of original show: 3:30*

Legal Angel was the very first show Daniel programmed. Although the music follows a very simplified approach especially in the beginning with just a piano playing, Daniel always found unique ways to express the current music and without allowing the show to get boring in spite of rare changes in the music.

While the rather calm parts of the music with the piano have been implemented with very detailed patterns, Daniel decided to transform the more majestic parts of the music as very slowly moving, monumental and simple effects.

Beams/Atmospherics Show for a Single X-Y Scanner Pair

**Second Place**

*Flip*  
LOBO



*Beams: Lorenz Winkler*  
*Creative Director: Alex Hennig*  
*Music: Junior Boys - The Equalizer*  
*Length of original show: 3:28*

Lorenz sync'd this show production to the music of a friend of his.

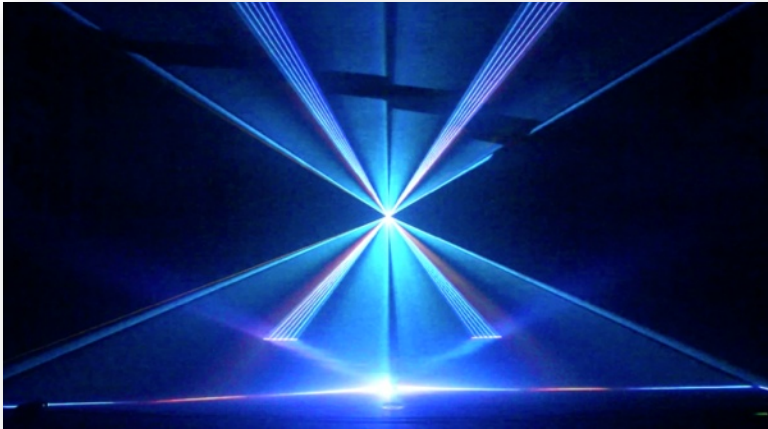
It is a very extreme, puristic, electronic tune, which is the perfect match for such a high-tech means of expression as lasers. Lorenz is a real detail maniac. There is no doubt that he always found the perfectly matching expression for every effect of the music, although restricted to the use of just one scanning head.

Beams/Atmospherics Show for a Single X-Y Scanner Pair

**First Place**

*Titanium*

VisuTek e.U.



*Markus Voggenberger, Programmer*

*Helmut Gruber, Setup and Laser Operator*

*Music: David Guetta, "Titanium"*

*Length of original show: 3:55*

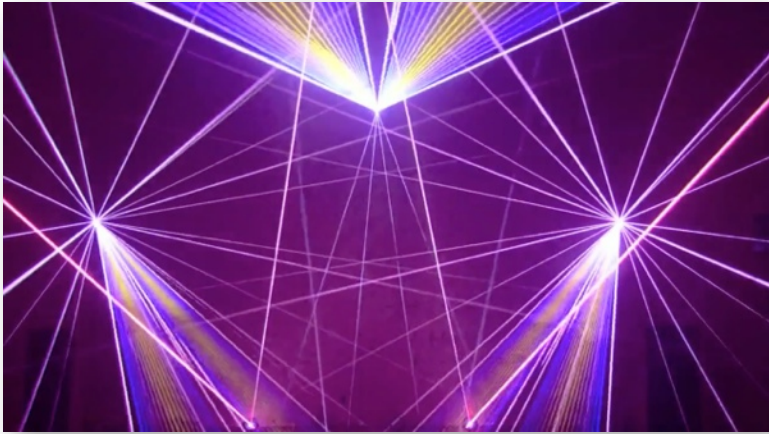
*Titanium* is a ballad which draws from the genres of pop, house and urban-dance and the song's lyrics are about inner strength. So we decided to create a powerful show for clubs, discos and parties. Originally designed for three laser projectors, it was a challenge to generate the same emotions on one scanner pair as on the original show.

## **Beams/Atmospherics Show for Multiple Scanner Projectors**

**Honorable Mention**

*Classical Beats*

LaserAnimation SOLLINGER



*Producer: Frank Henning (Laser Performance)*

*Programming and Design: Stephan Rieck*

*Music: Yanni, "Seasons"; Safri Duo, "Rise"*

*Length of original show: 8:25 min*

This show was created under contract from Laser Performance (not an ILDA member) and is a standard beam show which is offered to clients as a ready-programmed show. In this version 16 additional mirrors are used for single scan beams as well as a floor mirror. The mirrors are especially effective in the two percussion segments of the show.



Beams/Atmospherics Show for Multiple Scanner Projectors

**Third Place**  
*Tale of Music*  
LOBO



*Beams: Roman Schütz*

*Creative Director: Alex Hennig*

*Music: Trans Siberian Orchestra, "Wizard in Winter"*

*Length of original show: 3:04*

This production is one of the most fun musical themes Roman has ever chosen to make this dynamic Christmas beam show. And it is obvious that he had a lot of fun when creating the show. Is it amazing how he plays with different scanheads in a wild question-and-answer game all across the room. Simple shapes, opulent beam layouts carefully balanced against minimalistic arrangements have been the central aesthetic guideline for this production.

Beams/Atmospherics Show for Multiple Scanner Projectors

**Second Place**

*Speedway*

LOBO



*Beams: Roman Schütz*

*Creative Director: Alex Hennig*

*Music: Yello: Bostich, The Race*

*Length of original show: 4:12*

This soundtrack of Yello - the Swiss godfathers of electronic music - has been especially made for this show. The key title of the music is called "the race". Accordingly lasers play with this title in speeding all across projectors and mirrors. In our opinion especially the sound effects of racing cars have been implemented in a very innovative ways, like counter-moving fans and asymmetrical beam chases. It really gives you the impression of furious speed.

Beams/Atmospherics Show for Multiple Scanner Projectors

**First Place**  
*Limitless*  
Dynamic Lighting Systems



*Shane Martz, Director / Editor*  
*Gabe Letourneau, Programmer*  
*Length of original show: 9:10*

This show was created to use the texture of the sounds to light. The idea was to create more of an in-depth feel of the show. Every piece of this show was specially created, all laser frames are all hand-crafted to specific sounds and animations.

## Graphics Show

### Honorable Mention

*Warschau EM Show Graphics*  
Lightline Lasertechnik



*Marco Stümpel*

*Length of original show: 8:50*

This show was created for the UEFA Euro 2012 football competition and the government of Warschau [Warsaw]. It was displayed during the EM on a big musical fountain. Up to 40,000 people per night watched the show. This is the graphic-part.

Graphics Show

**Third Place**

*Pound Sign*

Laser Show Design, Inc.



*Director: Doug McCullough*

*Animator: Jerry Wallace*

*Laser Programmer: David Gaskins*

*Music: Kevin Fowler, "Pound Sign"*

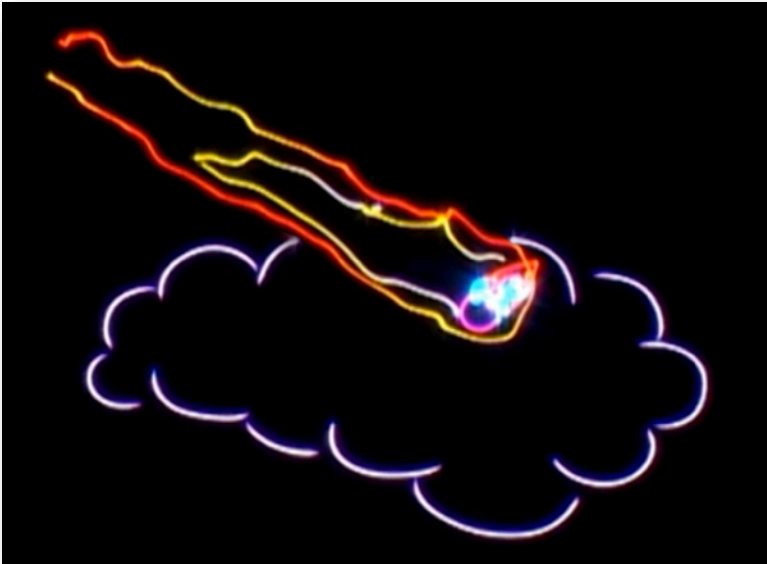
*Length of original show: Approx. 25 minutes*

This piece was designed to entertain family audiences at an outdoor theme park show. Our goal was to create a humorous original cartoon based on the song's lyrics. Audiences loved it! All of the laser graphics were projected from a single X/Y scanner pair running at 60K points-per-second. The "flicker" that you see on the video is an artifact of the camera; there was no flicker at the show.

Graphics Show

**Second Place**

*The True Story of the Recent Meteorite Explosion*  
Orion-Art Multimedia



*Art Director: Alexey Panin*

*Creative Idea & Graphics: Max Ischek*

*Music: "Crazy Frog" soundtrack*

*Length of original show: 4:00*

This humorous entertainment show was inspired by the Crazy Frog music and the recent explosion in the sky above Russian town Chelyabisk. Crazy Frog is the popular character of music video who rides his invisible motorcycle. And it was Crazy Frog who exploded in the Russian sky because of internal music pressure.

**Graphics Show**

**First Place**

*Shake It Up*

Laser Show Design, Inc.



*Director: Doug McCullough*

*Animator: Harry de Boer*

*Laser Programmers: David Gaskins, Rob DiAddezio*

*Music: Selena Gomez, "Shake It Up"*

*Length of original show: Approx. 25 minutes*

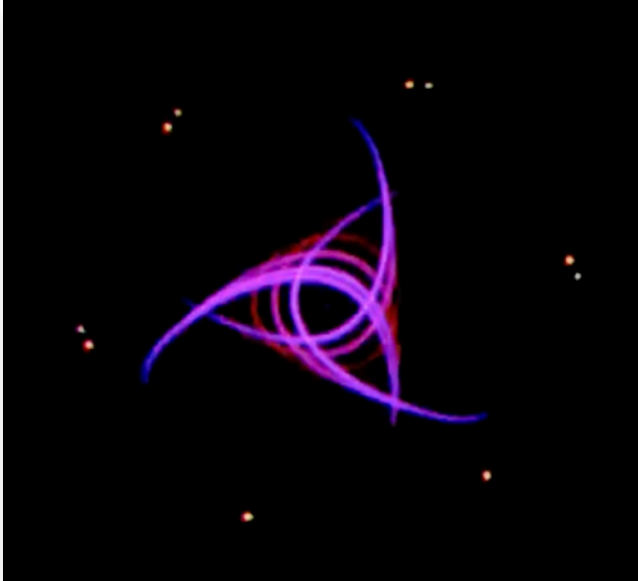
Our goal was to choreograph dynamic dance animation with both abstract and scenic laser graphic backgrounds for a fun interpretation of the song. Look closely and you'll see a 3-D particle animation of sparkles streaming off the dancer's fingertips. (Disney would be proud!) This piece was designed to entertain family audiences at an outdoor theme park show. All of the laser graphics were projected from a single X/Y scanner pair running at 60K points-per-second. The "flicker" that you see on the video is an artifact of the camera; there was no flicker at the show.

## Abstract Show

**Third Place**

*Troubled*

Christopher Short



*Christopher Short, programmer*  
*Music: Peter Gabriel, "Troubled"*  
*Length of original show: 2:55*

*[No description provided]*

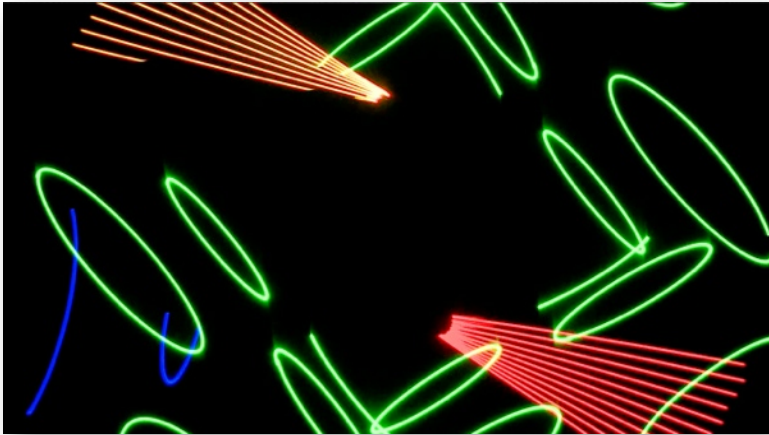


Abstract Show

**Second Place**

*Planet Claire*

Lightwave International



*Mike Dunn, Programmer*

*Music: The B-52s "Planet Claire"*

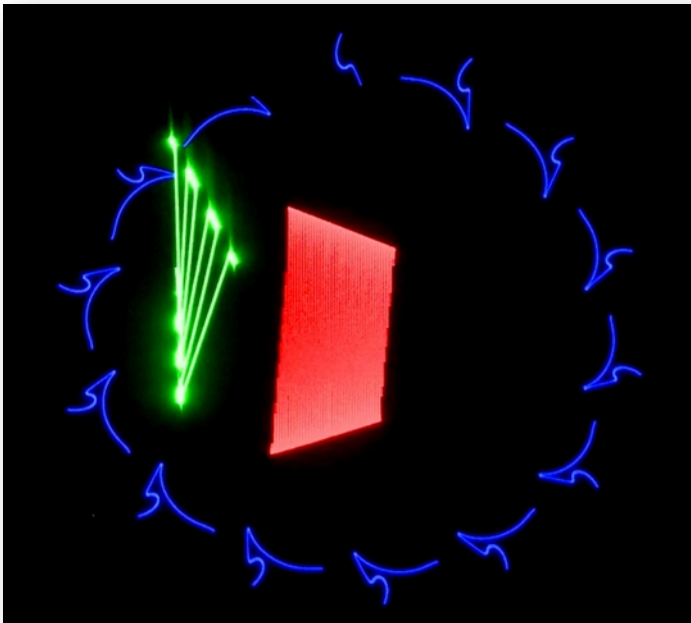
*Length of original show: 4:40*

This piece aimed to create a visual representation of a journey of transportation to another planet and beyond.

Abstract Show

**First Place**

*According to You*  
Lightwave International



*Mike Dunn, Programmer*  
*Music: Orianthi "According To You"*  
*Length of original show: 3:20*

A fast paced visual assault on the senses via abstract imagery.  
Sometimes you just gotta rock out a bit.

## Beams and Screen Show

### Third Place

*Moscow - KOH-I-NOOR*  
KVANT Ltd.



*Programmer: Martin Gabco*

*Manager: Michal Simkovic*

*Music: Trevor Rabin - Theme from Armageddon*

*Length of original show: 3:05*

We used seven green and 16 RGB lasers, two 6m water screens and one big screen 20x8m. The show is made for the 222nd anniversary celebration of the company KOH-I-NOOR.

Beams and Screen Show

**Second Place**

*Don't You Worry Child*

Lightline Lasertechnik



*Marco Stümpel*

*Music: Swedish House Mafia - Don't You Worry Child*

*Length of original show: 3.30*

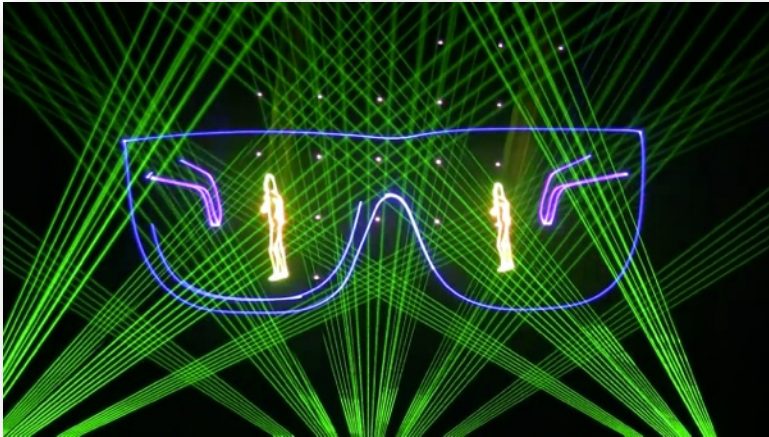
Entertainment show for various customers such as fountains, clubs and other installations

**Beams and Screen Show**

**First Place**

*Party Rock Anthem*

Laser Show Design, Inc.



*Director: Doug McCullough*

*Animator: Harry de Boer*

*DigiSynth Programmer: Chuck Rau*

*Laser Programmers: David Gaskins, Rob DiAddezio, Steve Korzelius*

*Music: LMFAO, "Party Rock Anthem"*

*Length of original show: Approx. 25:00 minutes*

Our goal was to reflect the celebratory spirit of this song and elicit enthusiastic participation by our audiences. It was amazing to see crowds of literally thousands clap-along and even dance-along with the laser visuals in this piece. This piece was designed to entertain family audiences at an outdoor theme park show. The mid-air beam effects came from three laser projectors and all of the laser graphics came from a single X/Y scanner pair running at 60K points-per-second. The "flicker" that you see on the video is an artifact of the camera; there was no flicker at the show.

## **Planetarium Show**

### **Third Place**

*Dark Side of the Moon*

Lightwave International



*Programmer: Mike Dunn*

*Fog Technician: Lindsay Van Meter*

*Planetarium Coordinator: Jack Dunn*

*Fulldome video: Starlight Productions*

*Music: Pink Floyd*

*Length of original show: 47:00*

The goal was to update a timeless classic with modern laser technology and effects, giving audiences a new take on the planetarium laser show experience.

Planetarium Show

**Second Place**

*Wie Schön...*

Planetarium Hamburg



*Creative Director: Simon Böttcher*

*Laser Programming: Simon Böttcher*

*Music: Rolf Zuckowski*

*Length of original show: 3:30*

The song (translated: "How nice it is, that you've been born") is a classic German children's birthday song by Rolf Zuckowski. This show has been created especially for our visiting little birthday astronauts and features colorful graphics and a happy, lighthearted mood. There's always something to discover in the 360 degree projection, which makes the show even more interesting.

**Planetarium Show**

**First Place**

*Symphonic Explosion*  
**LOBO**



*Beams: Roman Schütz*

*Planetarium Show Production: Simon Böttcher, Mirco Kloweit*

*Creative Director: Alex Hennig*

*Special thanks to Thomas W. Kraupe*

*Music: Davis Garrett: The 5th*

*Length of original show: 3:33*

This show is a co-production for a planetarium dedicated to laser entertainment, featuring a TriDome laser projection systems, laser projectors on pneumatic lifts as well as laser projection heads on robot arms. The production has been made on the initiative of Simon who knows David Garrett very well and wanted to produce this atmospheric show as a present to him. Our most experienced show designer Roman designed this demanding beam show, while Simon and Mirco were responsible for the in-dome arrangement.



## Nightclub/Disco/Music Festival Show

**Third Place**

*Ultra Festival 2013*

Lightwave International



*Length of original show: 180:00*

The goal was to fill several stages at one of the largest music festivals in the world with an abundance of laser light for a variety of acts.

Nightclub/Disco/Music Festival Show

**Second Place**

*Discotheque Riva*

Prolight



*Hrvoje Šimić; Franjo Segina*

*Music: Live music from DJ Sebastian Ingrosso*

*Length of original show: Around 3-4 hours*

This show was performed live in front of 15,000 visitors during the open air party called Discotheque Riva in Split (Croatia). This is the biggest open air party in Croatia that takes place once a year at the main square in Split's harbor.

Nightclub/Disco/Music Festival Show

**First Place**

*Intencity 2013*

MediaLas Electronics GmbH



*Michael Schempp*

*Music: "Power of Music" by Headhunterz*

Every year, the "Intencity" hard style event is a large event in south Germany, with famous hard style artists in a large location. In 2013, the second "Intencity" took place in Ludwigsburg at the B-TV film studios. More than 1000 visitors enjoyed the impressive laser show for the official opening.

## Corporate Show

### Third Place

*Volvo Fashion Week*  
Orion-Art Multimedia



*Art Director: Alexey Panin*  
*Graphics: Kirill Nikitochkin*  
*Music: X-Ray Dog library*  
*Length of original show: 5:40*

The panoramic show made for the Volvo fashion week introduction. It presents the new Volvo C-class model.

**Corporate Show**  
**Second Place**  
*Laserdome*  
**LOBO**



*Beams: Roman Schuetz*  
*Technical Director: Jochen Schmid*  
*Laser Technicians: Louis-Orihuela Castro, Dennis Bopp, Sven Frnstahl*  
*Live Performers: Sanostra*  
*Choreography: Bjrn Hanefeld*  
*Overall Technical Direction: Horst Ingmar Kilian*  
*Project Director: Alex Patt*  
*Creative Director: Alex Hennig*  
*Music: Brainbug: Nightmare*  
*Non-Stop Music: Legend*  
*Length of original show: approx. 15:00*

This show was made as the highlight of a giant incentive for several thousands of employees of our client in one of Germany's biggest event halls. This show uses lasers and lights in many innovative ways.

It starts with DMX-controlled LED drummers, enriched by atmospheric effects of 18 handheld laser projectors. It culminates in a giant three-dimensional atmospheric show production filling the whole hall with impressive light sculptures.

In addition the whole audience was equipped with DMX controllable wristbands. It was possible to illuminate those wristbands synchronously to the music with the possibility of separating the whole audience into different effect groups. As people could see each other by means of these LED bands, this allowed us to create a common feeling inside the laser effects without negatively affecting the show performance.

It has been a major challenge finding an appropriate technical setup to cover the whole audience, sitting on three levels 270° around the stage with laser light.

**Corporate Show**

**First Place**

*The Non-Ferrous Metals Production*  
Orion-Art Multimedia



*Art Director: Alexey Panin*

*Graphics: Kirill Nikitochkin, Sergey Maltsev*

*Music: X-Ray Dog library*

*Length of original show: 4:20*

The show presents all the phases of the complicated non-ferrous metals production technology. It was created for NorNickel, one of the leading companies on the market.

## Live Stage Show

**Third Place**

*Mobius*

LaserNet



*Tom Harman, David Walker, Mobius 8*

*Music: Mobius 8*

*Length of original show: 12 hours*

We created this event at the end of the Winter Music Conference to show off the artist and his unique use of lasers.



Live Stage Show

## Second Place

*Bloc Party Four World Tour 2012-2013*

ER Productions



*Design: Louise Smurfwaite*

*Programmer and Tour Op: Lawrence Wright*

*Music: BLOCPARTY*

*Length of original show: 1 hour 45 minutes*

Bloc Party didn't want to use video so we were asked to come up with a design that eliminated this. We used the band's logo which happens to be four rings. Projectable surface set pieces were built and each ring hung inside each other upstage centre. Four OPS Tripan laser systems were used to enhance the rings during the whole performance, one laser per ring. A further five 21W RGBB OPS lasers were used on-stage for the big aerial effects inside the huge space of Earls Court.

Live Stage Show

**First Place**

*Helene Fischer Euphoria*

Lightline Lasertechnik



*Marco Stümpel*

*Music: Loreen - Euphoria*

*Length of original show: 6:20*

The most successful female German singer Helene Fischer used lasers for her European Tour 2012 and held 50 concerts in various cities and countries. This was one of the main show-highlights.

## Live TV Show

### Third Place

*X Factor: Locked Out of Heaven - Bruno Mars*  
YLS Entertainment



*Marty Canavan: Programmer*

*Blake Putnam: Operator*

*Steve Campbell: Operator/LSO*

*Music: Bruno Mars, "Locked Out of Heaven"*

*Length of original show: 4:40*

Dual control systems were used to allow flexibility in changes to the performance. Strong beams and hard edge scans were used to punch through the stage lighting. The song was changed mid-morning of the taping from a reggae version to the radio edit version. Modular programming allowed for quick changes in only a few minutes and additional content to be added with little fuss.

Live TV Show

## Second Place

*Czecho-Slovakia Got Talent*  
KVANT Ltd.



*Programmer: Michal Pokluda*

*Music: Chris Brown ft. Lil Wayne and Busta Rhymes, "Look at Me Now"*

*Length of original show: 0:30*

Finale of "Czecho-Slovakia Got Talent." Used twelve green and RGB lasers.

*(Note: No First Place was awarded in the Live TV Show category)*

## Edited Film/TV/Video

### Third Place

*Estefan*

LaserNet



*Glenn Wright: Operator*

*Tom Harman: Designer*

*Length of original show: 12 hours*

As with most music videos, the call for lasers was last minute and the production company didn't have a firm idea of what they wanted. Luckily, the venue lent itself to a natural location for the lasers. Tom Harman designed the installation utilizing four of LaserNet's ScannerPro 4W RGB units and Glenn Wright was the operator. It was a great shoot working with a Miami icon.

Edited Film/TV/Video

**Second Place**

*Eye On It*

Peachtree Laser Inc.



*Eric Welch, Director*

*Jim Martin, Laser design, programming & operation*

*Greg Hughes, digitizing*

*Patrick Sittnick, laser assistant*

*Music: Toby Mac "Eye On It"*

*Length of original show: 3:12*

The budget for the lasers for this video was ~25% of what it normally would have been, so I asked the record label to make their payment as a donation to a project I work with, a school about three hours outside Port Au Prince, Haiti. Director Eric Welch was great to work with. We used three 20-watt Kvant RGB's and both Pangolin Showtime and Beyond. Thanks to Patrick Sittnick of Kozmic Laser Show, who helped tech the lasers for the shoot.

Edited Film/TV/Video

## First Place

*Emeneo - The Xperience*  
MediaLas Electronics GmbH



*Tobias Gebuhr*

*Music: "The Xperience" by Dirk Baur, performed by Emeneo.*

*Dirk Baur – All pianos, percussions, programming and sampling*

*Roland Bless – Founder of german band "Pur", acoustic guitar*

*Liz Schneider – "White Cello" musician from Switzerland, cello*

*Mastering: Artist Tonstudio by Sven Galinsky*

"Emeneo" is a music project of Dirk Baur, the founder and president of the laser company. Besides his laser work, he is a professional musician, and plays in various signed and contracted bands, mainly gothic and progressive metal music. His ambition for voluminous, epic compositions and productions, led in 2012 to the music project "Emeneo". He is the writer and producer of all Emeneo songs and music, and is about to release the debut album for Emeneo soon. This entry is the first release and teaser, the Intro song "The Xperience". For this song, a video was produced at our studios in November 2012, where guest musicians were invited to perform and play on the video. The band performed between the laser projectors, and was surrounded by laser light. "The Xperience" debuted on German music television iM1.tv on Nov. 26 2012, and was played daily for almost two months.

## **Laser Show (including Multimedia)**

### **Third Place**

*Ocean City Beach Lights*  
Image Engineering



*Joe Suehle: Project Manager*

*Nick Hock, Phil Payne, Greg Bosse: Technicians*

*Genell Canty: Programmer*

*Music: Fragma "Toca's Miracle" (Inpetto Remix)*

*Length of original show: 8:30*

Working within the client's specific budget, we designed a multimedia laser show for a beach town on the Atlantic coast. The client required an entertaining presentation that would make a large scale impact amidst the resort's extensive beach and boardwalk. The show equipment needed to be configured so that it could be set up, moved about the beach, and struck on each of the days it played. Using 42-watt RGB lasers and a custom manufactured five-story tall inflatable sphere, the presentation entertained thousands of beachgoers on 15 consecutive Sunday evenings throughout the summer.



**Laser Show (including Multimedia)**

**Second Place**

*55 Years of Zelenograd-City*  
Orion-Art Multimedia



*Lasershow and Video Design: Alexey Panin*

*Art Director: Sergey Komin*

*Stage Design: Alexander Grimm*

*Technical Director: Pavel Korotkov*

*Producer: Alexander Timofeyev*

*Music: X-Ray Dog library, Immediate music library*

*Length of original show: 7:48*

This multimedia show represents the prologue celebration ceremony of the 55th anniversary of the Moscow-area satellite city, Zelenograd, built for development of electronic factories. The show tells the history of the region, shows fights against foreign invaders and represents the modern face of the city. Panoramic laser and video projections with applying of the stage area and walls of the concert hall were used in this show.

**Laser Show (including Multimedia)**

**First Place**

*Ten Billion Tons of Oil*

Orion-Art Multimedia



*Lasershow and Video Design: Alexey Panin*

*Art Director: Sergey Komin*

*Stage Design: Alexander Grimm*

*Technical Director: Taras Viter*

*Producer: Alexander Timofeyev*

*Customer: TO "Culture"*

*Music: X-ray Dog library, Immediate music library*

*Length of original show: 4:47*

This multimedia show represents the prologue of the ceremony celebrating the production of 10 billion tons of oil, in the oil field of western Siberia. The show tells the story of the development of the northern lands of Siberia, about pioneer geologists, about heroics of working days, people and progress of oilmen. The full combination of laser graphics, video segments, computer graphics and animation was used in this show.

## Multimedia Show (including Laser)

### Third Place

*Feliz Navidad Madrid*

Laser Entertainment srl and LM Productions



*Lorenzo Pompei, Mattia Diomedi, Edoardo Roncaldier, Lorenzo Cela, Federico Colombo, Alessandro + Galli, John Agwu Chinedu, Phil Hyder-Smith,*

*Producers: Steven Harvey & Alberto Kellner*

*Music: "Into the forest", Danny Elfman; "Alice Theme", Danny Elfman; "Surface to Air", Chemical Brothers, "Che Valiers De Sangreal", Da Vinci Code soundtrack*

*Length of original show: About 25 minutes*

This multimedia show has been requested and created for and with LM Productions to celebrate a big multimedia show for the Christmas celebration in Madrid. The show was performed in the central square of Cibeles onto the Madrid City Hall Municipality. We created this multimedia show with use of videomapping 3D, videoprojections, and lasers all synchronized to the mixed soundtrack to celebrate.

Multimedia Show (including Laser)

## Second Place

*Universal Orlando New Years' Eve Show*  
Lighting Systems Design Inc.



*Atmospheric laser content design and programming: David Gaskins*

*Producer: Greg Makhov*

*Music: Custom Soundtrack*

*Length of original show: 10 min. 45 Sec.*

Universal Orlando did a major rehab of their outdoor lagoon show in 2012, and added in new laser projectors at the end of the project. In addition to the laser effects used in the nightly show, Universal asked for special show programming to a custom sound track for their NYE celebration. This multimedia show includes video projection on two types of water screens, moving lights, synchrolights, fountains, pyrotechnics, and lasers, all run from a central show control system. Six 15 Watt laser projectors are used. Due to the design of the show, it is not practical to show the overall scale, so the video footage concentrates on one end of the display to show the choreography.

**Multimedia Show (including Laser)**

**First Place**

*Power Plant Holiday Light Show Spectacular*  
Image Engineering



*Joe Suehle, Project Manager*

*Nick Hock, Phil Payne, Greg Bosse; Technicians*

*Nisha Ramnath, Designer/Animator*

*Genell Canty, Programmer;*

*Music: Dark Angel "Hymn" (Original Extended Mix)*

*Length of original show: 7:14*

Baltimore's Inner Harbor kicked off the 2012 holiday season with a multimedia attraction that served as the anchor for the downtown holiday festival. The Power Plant Holiday Light Spectacular transformed one of the city's oldest and most iconic buildings into a 32,000 square foot canvas of 3D video motion graphics, multi-colored laser effects and choreographed pyrotechnics. We leveraged our entire creative capability to design the multi-faceted show. The integration of video, lasers, lighting, and pyrotechnic effects were all seamlessly choreographed together into one cohesive presentation. The display ran for six straight weeks.

## Innovative Application

### Third Place

*Nordic Cool 2013*

Image Engineering



*Joe Suehle, Project Manager*

*Nick Hock, Phil Payne, Greg Bosse, Ray Durbin; Technicians*

*Nisha Ramnath, Designer/Animator*

*Owen Murphy, Laser Hardware Engineer*

*Jesper Kongshaug, Designer*

*Music: Audionautix, "The Voyage"*

*Length of original show: 7:56 show on loop for 5:00:00 for a 5-week period.*

The client asked us to develop a concept for projecting Scandinavian scenery onto the entire four façades of the John F. Kennedy Center for the Performing Arts for their International Nordic Cool Festival. After video and large format projection were deemed impractical, we suggested using lasers to project a simulated “northern lights” effect. Since the client wanted the display to mimic nature as closely as possible, custom laser programming and DMX-controlled rotating lumia glass were coordinated together to achieve a random, organic look.

**Innovative Application**

**Second Place**

*Fragile Territories*

**LaserAnimation SOLLINGER**



*Programmer and Creative Director: Robert Henke*

*Programming and Hardware: Michael Waehling*

*Musical Composition: Robert Henke*

Four powerful white laser beams generated by four "BLIZZARD 5000" laser projectors draw a floating white object on a thirty meter wide and six meter high wall in a completely dark hall, slowly evolving shapes, edges and curves of shimmering, pulsating light. Sometimes the shapes are barely visible, sometimes they explode into extreme brightness. In some sequences the quality of the light is steady, during other times it fluctuates and breaks apart into scintillating particles.

Whilst everything is floating and happening in rather long intervals, a constant black shadow is moving in front of the projection, from left to right, every 4.2 seconds, like a giant blade of a windmill, a negative object that contrasts the bright projection by muting it where it appears. It is not only obscuring the image but also dampening the sounds at its current position and emitting a low frequency noise itself. A dark, strong force that puts the rest in an infinitely distant background.



Innovative Application

**First Place**

**Stratus 10**

Mike Gould

*Mike Gould - artist, artificier,  
machinist, photographer,  
laserist, In Charge*

*Wayne Gillis (ILDA member) -  
LSO, chief technical officer*

*Steve Rich - Legal counsel,  
consigliere, and transportation  
specialist*

*Tom Bray - AV specialist*

*Krunal Desai - Digital engineer*

*Zita Gillis - PR, presentation*

*John Langs - Artist rep*

*Bob Snyder - Builder of 635nm  
jobbies, winner of the coveted  
X-Laser award*

*Length of original show: 4 hours*



Six independently-targetable lumia projectors filling a 4,000 sq.ft. wall. Projectors made from plumbing parts and tuna cans. In the atrium/lobby of the fanciest hotel in Grand Rapids. They were very patient. And the very best of cheap, very noisy imported lasers (greens), combined with home-made 445's and 635's for blue and red. This is my entry for Art Prize 2012, an annual art competition in Grand Rapids. Projected on a wall 250' by 16', a huge lumia display. This was clearly visible from the outside and from across the river that flows next to the venue. As with life itself, here is a combination of randomness mixed with control, as the mechanics of the devices create patterns that never repeat exactly, yet can be controlled as to speed, brightness and other variables. The intent of the work is to provide a restful and contemplative visual experience, just the thing to chill the harried traveler resting in the hotel lobby.



## Laser Photography

**Third Place**

*Nordic Cool 2013*

Image Engineering



*Photographer: Zachary Hock, Image Engineering*

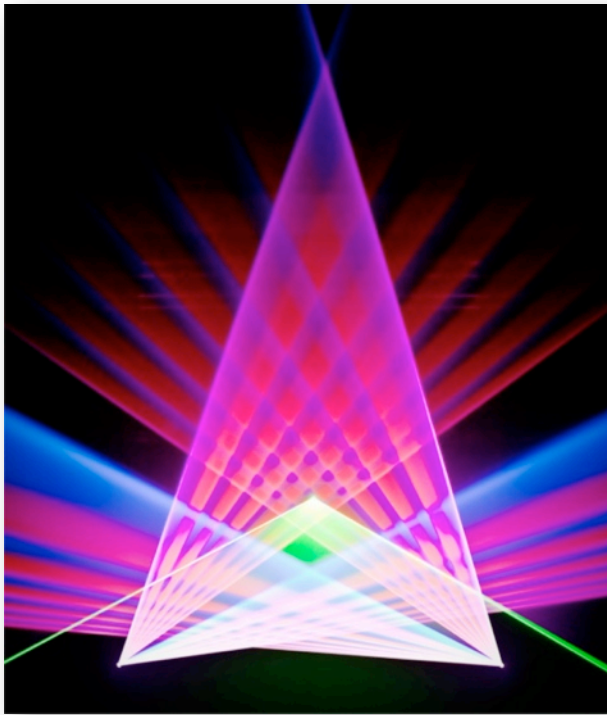
Image Engineering created an aurora borealis effect with lasers. This shot looks like it could be found in the hills of Norway but was actually taken at the Kennedy Center in downtown D.C.

Laser Photography

**Second Place**

*Laser Sculpture*

MediaLas Electronics GmbH



*Photographer: Dirk Baur*

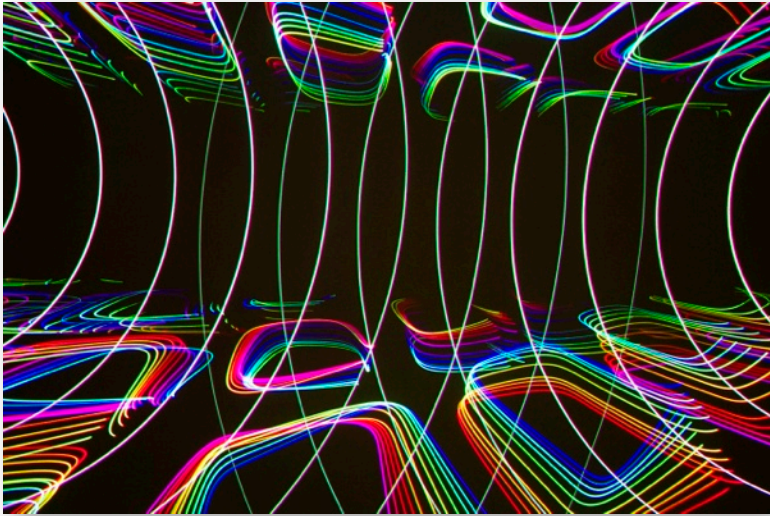
The photo was taken during projector tests at our laser studio. Camera was a Canon EOS 5D. The picture has been cleaned and noise was removed with Photoshop, but the overall image is as original as it was taken.

Laser Photography

**First Place**

*Beam Me Up*

Lightwave International



*Photographer: Lindsay Van Meter*

*Programmer: Mike Dunn*

Vibrant colors create a field of Trek-style energized transporter effects, ready for sending red shirts to their inevitable doom.

## **Live “Laser Jockey” Performance**

Entries in the “Laser Jockey” competition were performed at the Lase-Off during the 2013 ILDA Conference. Winners were selected by votes of those attending the Laser Jockey performance.

### **Third Place**

*Jan Ringen*

Quantum Satis Media

### **Second Place**

*Tom Harman*

LaserNet

### **First Place**

*Tim Walsh*

Laser Spectacles Inc.

## Fenning Award for Technical Achievement

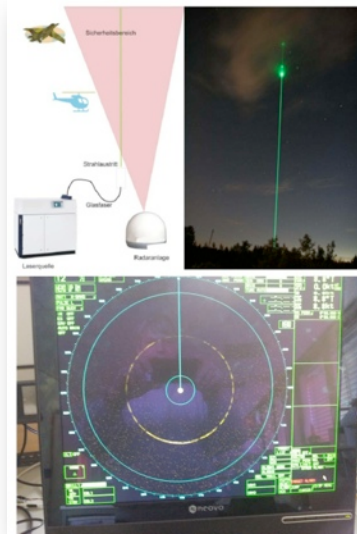
### Honorable Mention

#### *Lightline Safety Radar*

#### Lightline Lasertechnik

The Safety Radar was invented for the safe operation of open-air laser systems. It automatically detects targets such as aircraft or animals entering the area of the laser beam. It is connected to the interlock circuit of any laser and will shut down the system in case of target alarm.

It is a 12,5 kW radar of small size. ( 500 x 500 x 700mm) and has a weight of 25 kg. It can be carried in a flight case and is ready to operate within five minutes warm-up time. An XLR-connector comes out of the device and can be connected to any laser.



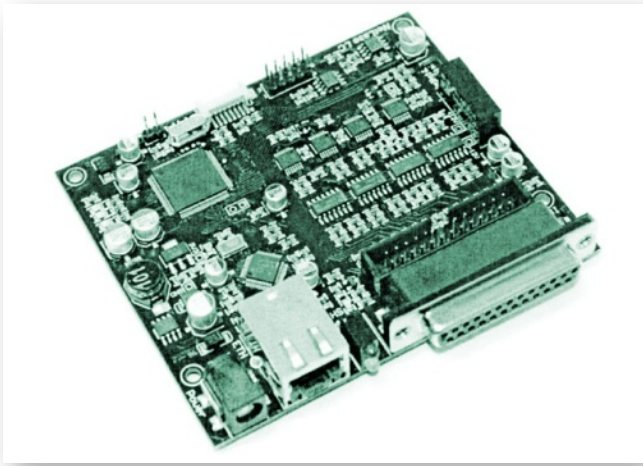
It has a range up to 90 nautical miles and can also be used at bad weather. A filter does not activate the alarm during cloudy or rainy conditions. The detecting cone angle is 20° in the standard version. The radar emitter is unlike rotating radars, instead being a horn-emitter that has especially been designed for this application. Unlike a rotating radar there is no interruption of signal. It is constantly detecting the airspace.

This system is certified by the German DFS (Deutsche Flugsicherung) and the German flight safety association.

**Fenning Award for Technical Achievement**

**Third Place**

***NetLase LC Ethernet Controller***  
**Mueller Elektronik**



NetLase LC is a new Ethernet-based network interface to control output signals for a laser projector from show software running on a PC in real time. It supplies an ILDA-compatible connector and uses 100 MBit standard network connection for data transfer. It offers 12 bit X/Y plus six color channels at up to 70 pps output speed as well as DMX-In and Out. It uses an open API, so any Windows software can output laser shows through this device. It fits in most laser projectors, offers plug-and-play capabilities via DHCP/AutoIP and a web interface for advanced device setup.

**Fenning Award for Technical Achievement**

**Second Place**

*Moncha.NET with Display Board*  
Showtacle Ltd.



This new control board for Moncha.NET provides a perfect way to integrate a laser show controller directly inside a laser projector. All important hardware elements of laser projectors are now integrated into one small board, which can easily fit inside even small laser projectors. Moncha.NET board together with Display Board offers all important functions required by laser system producers: Ethernet/MDX/Standalone laser show controller with SD card, external ILDA, safety key, analog brightness, position and size control (for external ILDA as well).

All important settings can be changed using four control buttons and be saved to the board's memory (i.e., size, position, laser intensity, inverts, IP address, DMX address, etc.). It always displays all important information on the the board's display.

*(Note: No First Place was awarded for the 2013 Fenning Award)*

## **ILDA Outstanding Service Recognition**

### **Timothy Walsh** Laser Spectacles Inc.

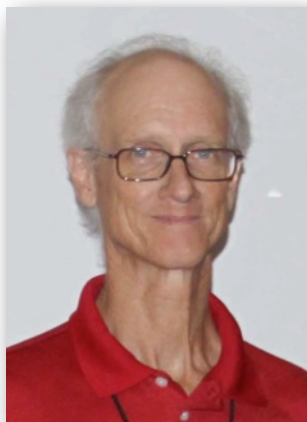
Tim is a Founding Member of ILDA, having attended the first organizational meeting in 1986 and being an ILDA Member continuously since that time.

He served on ILDA's Board of Directors from October 2006 to November 2011, and was elected ILDA President for four terms (March 2007 to November 2011).

He has put substantial effort into the Awards Committee throughout ILDA's history, and has been chair of the Awards Committee since the mid-2000's. One of his primary efforts was to bring more live lasers to the ILDA Awards Presentation.

Last year, he served as host of the successful 2012 ILDA Conference in San Antonio, and he did this as one of the very few sole-proprietor companies to have run an ILDA Conference.

For his long and distinguished service to ILDA, Tim Walsh is presented with the 2013 ILDA Outstanding Service Recognition Award.





## Special Achievement Award for Cultural Enlightenment

### Manick Sorcar LaserLight Magic

Awarded for exceptional merit in using laser display to celebrate India's heritage, and to prepare the next generation by introducing a course on laser art and animation and establishing the Manick Sorcar Laser Animation Laboratory at Jadavpur University.

Manick Sorcar is a Renaissance man: an engineer, a cartoonist, a film animator, and an exhibited artist in various media including laser. ILDA is honoring him tonight because of his work in laser display that celebrates the heritage of his native India. He has produced many documentary-type laser shows depicting Indian history. Along with his family, he has created world-touring, award-winning stage shows incorporating traditional and fusion Indian dances with life-size laser animation and visual spectacles.



In addition, he supported the art form by introducing in 2011 'Laser Lighting for Art, Animation and Entertainment' as a formal academic course at Jadavpur University in Kolkata. The university built the Manick Sorcar Laser Animation Laboratory, where Manick contributed laser equipment worth over \$100,000 and teaches as a visiting lecturer.

His laser works have received many awards from Indian organizations, as well as ILDA Awards including a Finalist in 2004 and First Place in 2005 (both for Live Stage Performance) and First Place in 2007 for his laser photograph *Reflection*, which made the cover of the 2008 *Laserist* magazine. As he said in a *Laserist* interview, "When doing a laser show, I do not believe in confining it just to some beam shows married with popular music. I strongly believe that it is a media through which we can bring people together for good causes and communicate with people in a visual language that they are attracted to."

## 2013 ILDA Career Achievement Award

**RNDr. Pavol Kubošek, CSc.**  
KVANT Ltd.



For 2013, ILDA's highest honor goes to Pavol Kubošek of Kvant. He studied physics at Comenius University in the Slovak Republic. He received a Master's degree in optics and quantum mechanics, and a PhD. in 1993 with a thesis in speckle interferometry. He was a researcher in the Slovak Academy of Sciences, where he published many papers in international scientific journals.

Pavol's career in laser display began in 1995 with the establishment of Kvant. He has said that the beginning was difficult and it helped him learn a lot about business. With personal qualities of persistence, consistency and good leadership, Kvant helped bring high quality lasers with affordable prices to the market. Now production is oriented on many different laser projectors with a wide range of possible adjustments based on customers' wishes, as well as laser modules used in display and other industries.

Kvant has been innovative by introducing such features as DMX projector control, control over USB connections, introducing DPSS lasers (in 2004), controlling large numbers of projectors easily via software, first diode-only full-color laser system, plug-and-play lasers for smaller clubs, and compact solid-state modules pumped by blue laser diodes (2011). Kvant products are distributed in 40 countries; the company employs 80 people and was a finalist in Ernst & Young's "Entrepreneur of the Year" competition in 2012.

Pavol holds many scientific and technical patents, and utility models. He never forgets that success comes only with a lot of effort. Kvant continues to upgrade quality, and search for new solutions in their Research & Development department.

## **2013 ILDA Conference**

### **Host**

*Lothar Bopp • Alex Hennig*  
LOBO

### **ILDA Conference Committee**

*Christine Jenkin, Chair*

### **ILDA Board of Directors**

November 6 2012 - November 6 2013

*Christine Jenkin, President*  
*Olga Eser • Dan Goldsmith*  
*Alex Hennig • Justin Perry*

### **Awards Presentation Master of Ceremonies**

*Dirk Baur*

## **Sponsors**

### **Projector Sponsor**

Lightline Lasertechnik

### **Platinum Sponsor**

Laser Production Network (LaserNet)

### **Gold Sponsors**

Coherent Inc.  
X-Laser  
Pangolin Laser Systems

