2010 ILDA Awards Presentation

Dragon of Fire by LOBO, First Place, Laser Photography

Aboard the Carnival *Destiny*, September 9, 2010
Produced by host company LaserNet

2010 ILDA Artistic Awards

The ILDA Artistic Awards were judged in South Africa this year. Many thanks to Ian Powell for organizing and hosting the judging process.

Judges: Fred Abrahamse, Artistic Director & Producer
Troy Bentley, LaserX
Ian Powell, Laser Dynamics

Beams/Atmospheric Show

Beams/Atmospheric Show
Honorable Mention
Rock That Beat
HE Hard- and Software

Programmer (software, effects, frames, timeline): Erich Hans
Programmer (effects, frames, timeline): Christian Wagner
Music: "Rock That Beat" by The Highstreet Allstars
Length of original show: 3'01"

The show was created just for fun while testing and expanding my self-made lasershow software "HE-Laserscan IV".

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Beams/Atmospheric Show

3rd
Pakva Show
Orion-Art Multimedia

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Art Director: Pavel Korotkov
Programming: Sergey Maltsev
Music: "Heroic Song" from We Are From The Future original soundtrack
Length of original show: 1'44"

2nd
Prodigy Beamshow
Prolaser Ltd.

Producer: Sandor Wenszky
Created by: Sandor Wenszky and Jr. Sandor Wenszky
Music: "Invaders Must Die" by The Prodigy
Length of original show: 2'44"

We created this show to entertain the OVB Group when their management made a private conference 30 April 2009. We presented it at a small indoor place in Hungary. The event organizer wanted a dynamic and short beamshow, and he determined the music.

1st (joint)
Heretic
LOBO electronic

Designer: Roman Schuetz
Creative Director: Alex Hennig
Music: "The Heretic" by Ennio Morriconi
Length of original show: 2'38"

For more than four years, we discussed, whether or not to produce a show for this music title. Actually, it was too short and seemed to be too simple to get something impressive out of it.

   In fact, it is unbelievable, how something so short, so smooth and so slow, could be so difficult to program. Actually the key design approach behind this show was to use multi-projector setups for slowly fading effects all across the available projector array. So, finally to meet the aesthetic tone of the music, more time was spent in this short show than in many other standard beam show productions.

1st (joint)
Swell
LOBO electronic

Designer: Iris Schua
Creative Director: Alex Hennig
Music: "Heavy Cross" by Gossip
Length of original show: 4'03"

Iris is one of our most experienced laser artists. Although she designs laser shows for many years now, there is no special style or design scheme behind her shows, as she works on a very rigid experimental approach sometimes delivering really unique show experiences.

This show comes up with some astonishing solutions in details, supporting the groove and power behind Gossip's driving hit "Heavy Cross". Symmetry and asymmetrical projector patterns are chosen carefully, sometimes following a driving question-answer Scheme, often interrupted by ultra-short mirror flashes, which are sometimes not longer than 20 ms and thus are rather perceived in a subliminal way!

1st (joint)
The Emptiness
LOBO electronic

Designer: Julian de Pompa
Creative Director: Alex Hennig
Music: "Allein, Allein..." by Polarkreis 18
Length of original show: 4'12"

"Cropped tunnel effects? Are you sure you want to do that?" That's been one of my first comments on Julian's first steps, when starting the design of this show. It is stuffed with some really unconventional design approaches: Almost no symmetries, cold colors, sudden stops in movements and somewhat strange cross-projector rotations.

But after watching the results I had to admit that everything made sense. Especially those parts which seemed strange to me in the beginning add a kind of dynamic, as rarely seen before in laser shows. No doubt. Julian is an obsessed perfectionist in every respect and one of those few people who can handle straightforward brain-to-light lasershow design with ease.

Graphics Show

Honorable Mention
The History of Communication
LaserDesign
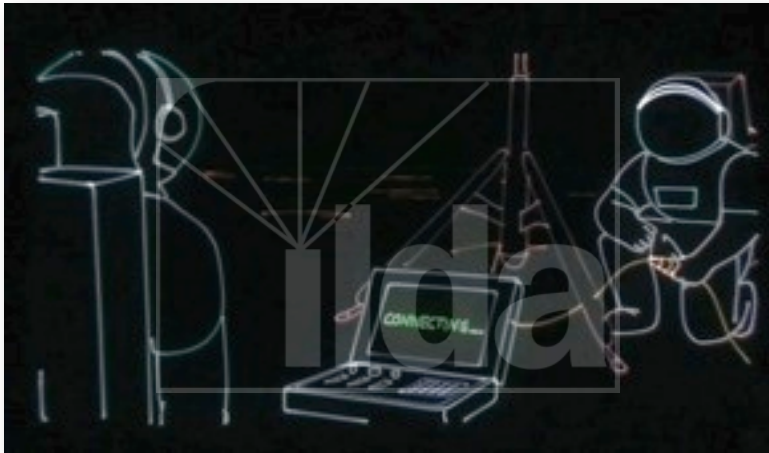
Production, 2-Scanner Programming, 3D Design, Sound Effects:
Tom Kamaras
Tracing, Interpolating, Cleaning, Beam Show Programming:
Themis Tsitsanis
Hand Drawn Character Animations: Haris
Music Score Editing: George Christopoulos
Music: Various
Length of original show: 12'00"

(The show is edited down for judging from 12 minutes to 4 minutes.)

The show was created as a "stock" show, not for any particular customer.
    We always wanted to make a show of the history of communication, since it plays a vital role in our world. This is

clearly seen in the first (video) part of the show where we witness the crazy way of modern living that cannot afford even one lost second. Then suddenly, a global loss of electricity and we return to the Stone Age.

We tried to be as historically accurate as possible regarding the steps man has made through the centuries. The message is given at the end of the show: No matter how advanced is the way Man uses to communicate, the most direct, sincere and truthful is just a touch of the hand (the exact touching moment was edited out of the 4 minute version).

After this end, there is a blank beam show, where we will put the messages of the customer.

The show is created in 3D for two scanners and it really was a challenge... For the two scanners to be in sync, the points of the frame playing in Scanner 1 must be almost equal to the points of the frame playing in Scanner 2. This is very difficult as the content of the frames changes constantly.

By the way, the show looks much smoother in real life. The lower frame rate and the video encoding from our camera give a "double" or "missing" line effect sometimes.

PS: The two persons in the raster screen is me (Tom Kamaras) and Themis Tsitsanis. I hope you enjoy viewing it as much as we did making it!

Graphics Show

3rd (joint)
Halloween
Orion-Art Multimedia

Art Director: Alexey Panin
Graphics: Kirill Nikitochkin
Music: Sato Hiromi, remix
Length of original show: 2'20"

This show was made as an introduction for a Halloween performance. It was to present the main characters and the style of this performance.

Graphics Show

3rd (joint)
The Dream to Fly
spectrabeam.de

Idea, Design and Production: Bernd Steinert (spectrabeam.de)
Digitizing and Programming: Andreas Juergens (ACLS-Laser)
Music: "Chariots of Fire" by Vangelis
Length of original show: 3'38"

Our customers often ask us about timeless graphics shows with useful content, so I have had the idea to create this laser show for it together with Andreas Juergens. Thanks for his great support and hard work. - Bernd Steinert

Graphics Show

2nd
Pirates of the Caribbean
Orion-Art Multimedia

Art Director: Alexey Panin
Graphics: Kirill Nikitochkin
Music: "The Time Machine" soundtrack by Klaus Badelt
Length of original show: 5'00"

This show is also a part of the Mardan Palace Hotel entertainment program devoted to the world's most popular movies. The idea was to show the main building of Mardan Palace as an entrance to exotic adventures of well-known movie characters, such as Captain Sparrow.

Graphics Show

1st
James Bond Tribute
Orion-Art Multimedia

Art Director: Alexey Panin
Graphics: Kirill Nikitochkin
Music: "James Bond" soundtrack remix
Length of original show: 4'30"

This dynamic show was ordered as part of an entertainment program devoted to the most popular movie characters. It was to represent the spirit of James Bond movies and to be as breathtaking as possible. The short version of the show is presented here.

Abstract Show

Abstract Show

Honorable Mention
Disturbia
Laser Show Design, Inc.

Director: Doug McCullough
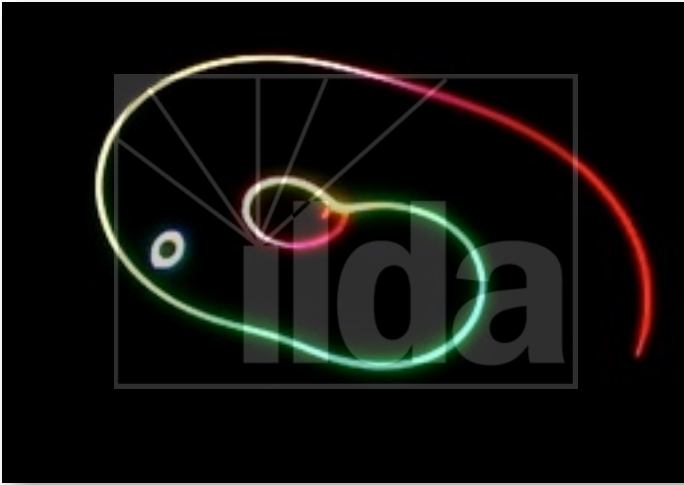*Animator: Carl Graves*
Programmer: Jeff Hwang
Music: "Disturbia" by Rhianna
Length of original show: 24'00"
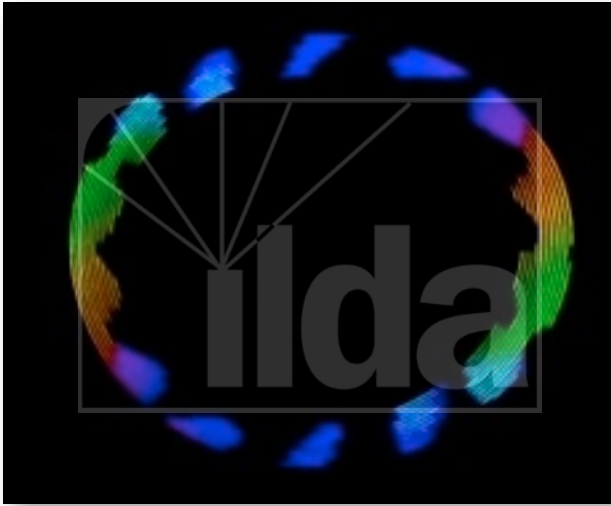
Abstract Show

3rd
Makes Me Wonder
DigiSynth

Producer: Chuck Rau for Laserdome
Music: "Makes Me Wonder" by Maroon 5
Length of original show: 3'30"

2nd
YYZ
DigiSynth

Producer: Chuck Rau for Laserdome
Music: "YYZ" by Rush
Length of original show: 3'00"

This was one of the first pieces of music I had my hands on professionally in the laser industry, and I really wanted to play with it using the new tools that were under development. Certain elements are a reference to the distant memory of the original work, but it is not a redo in any way. Much of the song was performance captured, which gives it a live feel and adds a complexity not often found in modern programming techniques.

   "YYZ" is one of those songs that is just fun to do, and flies through the studio. It works out even better when you have the opportunity to use it in a show, and this found a nice home in a rock show.

Abstract Show

1st
Keep Talking
DigiSynth

Producer: Chuck Rau for Laserdome
Music: "Keep Talking" by Pink Floyd
Length of original show: 4'00"

Presented are excerpts from "Keep Talking", trimmed to keep it
to four minutes... Many elements represent a push forward in
the challenge to create a very abstract piece with a suggestion
of graphics. However, all imagery is the result of abstract
patching on an image synthesizer and are intended as abstract
representations that could be left to interpretation. There are no
drawn or digitized graphics in the video; every item was created
using oscillators, sequencers and other synthesizer tools.

Beams and Screen Show

Beams and Screen Show

Honorable Mention
The World of Cartoons
Orion-Art Multimedia

Art Director: Alexey Panin
Graphics and Beams: Sergey Maltsev
Music: "Shake This Thing", Vince Giordano & "Suite from The Polar Express", Alan Silvestri
Length of original show: 5'40"

This show was made as part of an entertainment program devoted to the world's most popular movies, but for the children's version.

Beams and Screen Show
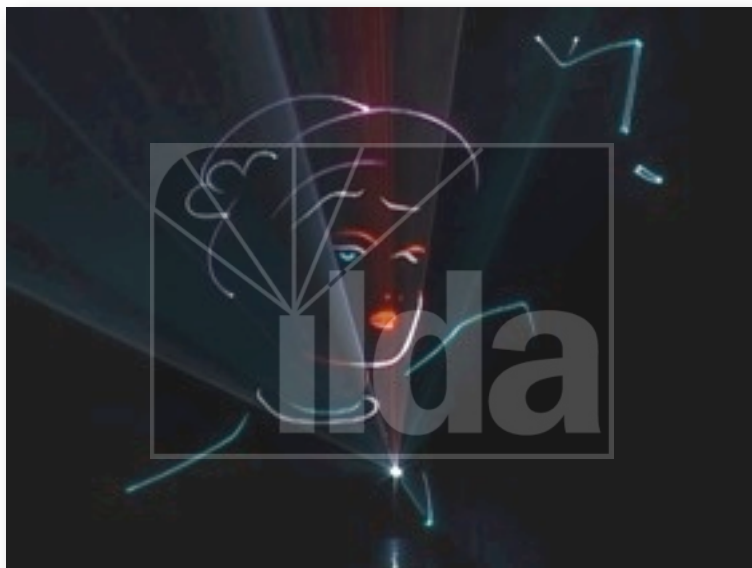
3rd
Mrvica
Prolight

Music: "Croatian Rhapsody" by Maksim Mrvica
Length of original show: 3'38"

The show was taped May 7 2009 in Split during the Feast of St. Doimus, the patron saint of the city, in front of 20,000 people.

2nd
*The Dreams About the Future
Under Mary Poppins' Umbrella*
Orion-Art Multimedia

Art Director: Alexey Panin
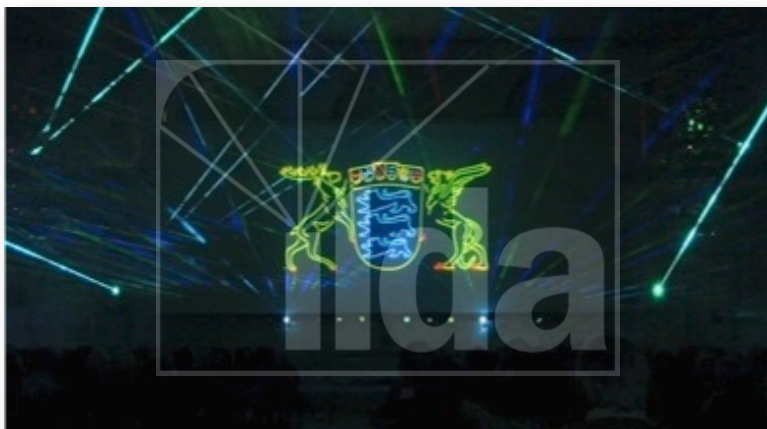*Graphics and Beams: Kirill Nikitochkin*
Music: "Mary Poppins Goodbye", Max Dunaevsky
Length of original show: 4'45"

1st
Baden Wuerttemberg Innovation Award
LOBO electronic

Animation: Iris Schua
Beams: Roman Schuetz
Technical Director: Sebastian Thiemeier
Setup: Martin Malorny
Creative Director: Alex Hennig
Music: "Reflection on Earth" by Disney, "Santorini" by Yanni
Length of original show: 11'55"

The Department of Trade and Commerce sought an innovative, yet appropriate way to stage the 25th anniversary of the State's Innovation Award, known as one of the most prestigious awards of this kind in Germany.

   In an entertaining mix of screen projections and atmospheric beam effects, lasers created a spectacular opening and a fantastic finale. In addition, each award winner was presented with laser projections during the award's ceremony.

   To meet the innovative appeal of the event, ultra-bright sparks lasers have been used. As sparks were actually developed for much larger events, the air was literally glowing during the show. After comparing different scenarios, we finally

decided to go a very unconventional way: Instead of turning down the brightness for audience scanning effects, we found out that it looked far more spectacular, only to project a few selected effects directly into the audience, but 95% of the show happened above the heads of the audience at a far higher power level. Thanks to the brightness, the show really looked phenomenal.

Nightclub/Disco Show

Honorable Mention
Laser Therapy
Kvant Ltd.

Designer: Martin Vozar
Music: "Beautiful Lies" by B-Complex
Length of original show: 3'28"

This show was built in May 2009 for presentation in the club Amnesia in Ibiza. I made this show during one night and the video was played by me live.

Nightclub/Disco Show

3rd
Alone
HB-Laserkomponenten

Show Design: Timo Feifel
Art Director: Dirk Dudek
Music: "Love is Gone" by David Guetta
Length of original show: 3'22"

This show was created especially for a nightclub customer, who also proposed the soundtrack. We selected this show for an entry because it is one of the shows with the most positive feedback we got from this customer and their audience.

Nightclub/Disco Show

2nd
Amazing
LOBO electronic

Designer: Iris Schua
Creative Director: Alex Hennig
Music: "Machines R Us" by Faithless
Length of original show: 4'01"

How does a laser show look, made to a music which actually does not change at all over minutes? "Machines R Us" is one of the most established nightclub classics. But when it comes to make a show out of it, the artist is confronted with the problem how to avoid boring repetitions, which might be OK for the music, but not for the visual implementation of a laser show.

   Iris Schua took the challenge and followed a rather fresh and experimental approach to avoid ever-repeating chases and patterns. A lot of love to detail has been spent to implement each and every detail of the music on different projectors. The show sometimes intentionally breaks with some basic paradigms of show programming sometimes culminating in setting contrasts between strong symmetrical versus rather chaotic arrangements.

   What we finally got to see, was quite a surprise: The show fundamentally changed the perception of the music, as it has suddenly been the lasers, setting the accents and effecting changes and not the music.

Nightclub/Disco Show

1st
Minimax
LOBO electronic

Designer: Roman Schuetz
Creative Director: Alex Hennig
Music: "Aerodynamique" by Kraftwerk
Length of original show: 4'42"

Lasers always seemed to us the perfect partner to the music of Kraftwerk, the godfathers of electronic music. As the famous "Kling Klang Studios" came up with their latest album, we had quite a strong competition within our team who would be the one to make a show.

Finally I have chosen Roman Schuetz to make a nightclub version of "Aerodynamique". Unlike any other artist I know, he is famous for his pure and clear style, as he is capable of reducing even most complex sound arrangements to clear beam layouts and simple movement patterns. No doubt. It was the perfect choice for a music group whose basic paradigm is to reduce things to its core rather than to blow things up.

Planetarium Show

Planetarium Show

Honorable Mention
Under The Stars
LOBO electronic

Designer: Iris Schua
Dome Arrangement: Peter Schoenamsgruber
Creative Director: Alex Hennig
Music: "Star Trek" by Alexander Courage
Length of original show: 1'17"

This show is a short opening show to didactic school sessions at the Planetarium in Stuttgart. It concentrates anything that you expect from a planetarium and all its stereotypes; all stuffed into a one-minute sequence. It stages the most important astronomic constellations to the almost trashy musical theme of old Star Trek TV series.

And all that has just been made that the presenter can say after the sequence: "OK folks, that's been the compulsory stuff. Now let's go on with the real things…". Funny idea, isn't it?

3rd
Dark Side of the Moon
Planetarium Hamburg

Laser: Simon Böttcher
Video: Aaron McEuen
Music: "Dark Side of the Moon" album by Pink Floyd
Length of original show: 55'00"

"Dark Side of the Moon" is an homage to the music album of the same name by Pink Floyd. The hour-long show features a journey through imaginary 3D worlds and laser worlds. The show does not understand itself in terms of an accompanying movie but rather a "performance" that allows the audience to leave the real world and fly into an abstract universe inspired by the music of Pink Floyd.

The show contains several atmospheric laser parts. Additionally, lasers are used to support audio effects (as seen in

the clock scene). Most elements of the show are performed live rather than being composed in advance.

2nd
Der Kleine Tag
Planetarium Hamburg

Laser Design: Simon Böttcher, André Hollung
Digistar Programming: Kenan Bromann
Music: "Der Kleine Tag" by Rolf Zuckowski
Length of original show: 58'00"

"Der Kleine Tag" is a children's story by Wolfram Eicka that has been produced as a musical by Rolf Zuckowski (a popular German artist creating songs for children) feature into an hour-long laser show supported by image projection.

The story tells of "The Small Day", a light living in a world of light where every "day" gets to visit Earth once in a lifetime (on

his day). In the first part of the show, the Small Day hopes to be a special day (like the discovery of America or invention of the wheel). Finally, his day comes but only mundane things (waiting for the bus, school children, a family camping) happen. In the finale, the others laugh as the Small Day is sorted into the last row of days. The Small Day nevertheless does not care and recognizes he is special anyway.

We chose laser as the medium because no classical projector can live up to the shining light of a laser projection. As the story of the Small Day is a story of the world of light and light beings, we felt that laser is the appropriate medium. Additionally we expect this to be the first laser show for most of the children and wanted to give them a full experience. This is why beam shows and safe audience scanning are used to allow them to touch laser light and interact with atmospheric effects.

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Planetarium Show

1st
IAA MB
HB-Laserkomponenten

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Laser Designer: Eno Henze, Christian Kaiser
Art Director: Eno Henze
Music: (no music)

Length of original show: 15'00"

The IAA MB show was designed for an exhibition booth to play in a loop. With four laser scanners we had a 360 degree projection on a roof made out of a sail.

Live Stage Show

Live Stage Show

Honorable Mention
"Space" Concert in Erevan
Orion-Art Multimedia

Art Director: Alexey Panin
Graphics and Beams: Kirill Nikitochkin, Sergey Maltsev
Musicians: Didier Marouani and "Space"
Directors: Patrice Richard (Concept Laser), Alexander Timofeyev
Music: Didier Marouani
Length of original show: 120'00"

The concerts of Didier Marouani and "Space" (the legendary rock group of the 1970s and 1980s) are always accompanied by a laser show. It is a very important and impressive part of the performance. The big concert shown here took place 30 October 2010 in Erevan, the capital of Armenia. The performance started with a special graphics show which was made for Unicom Bank, the sponsor of this concert.

Live Stage Show

3rd
Beyonce "I Am Yours" at Wynn Las Vegas
Laser Design Productions

Designer: Doug Adams
Programmer: Jason McEachern
Technical Director: Victor Tomei
Music: 4 songs sung by Beyonce
Length of original show: 93'00"

The intent was to design a close-up interactive performance in an intimate setting held at the Encore, at Wynn Casino in Las Vegas. Beyonce performed four shows consecutively from June 30 2009 to August 2 2009.

2nd
Playing Shadow
HB-Laserkomponenten

Show Designer: Christian Kaiser
Art Director: Michael Körprich
Music: (no information)
Length of original show: 7'32"

"Playing Shadow" is a laser show with two dancers interacting with each other. One dancer is a laser graphic and the other one is a real dancer.

Live Stage Show

1st
Tinchy Stryder Opener for MOBO Awards, BBC 2009
ER Productions

Laser Design/Spec, Programmer, Operator: Ryan Hagan
Music: "You're Not Alone" by Tinchy Stryder
Length of original show: 4'00"

Our brief was to accompany Tinchy Stryder and open the 2009 MOBO Awards (Music of Black Origin) with a wow factor. We used six 8-watt OPS lasers. The two upstage high lasers enabled us to hit the Awards runway, and the four low lasers gave us great lightshow coverage and mirror positions.

   All diffractions were focused onto camera positions ensuring it also looked good for viewers at home. It was therefore necessary that all effects were metered ensuring the safe operation of all BBC camera equipment.

Laser Show (including Multimedia)

Honorable Mention
The City Days of Iasi, Romania
S.C. Laser Shows S.R.L.

Laser Shows Team
Music: Various
Length of original show: 23'00"

In the show we used 12 high-power lasers from (8W to 50W) although you cannot see them all so well. We had lasers all over the place even left and right of the camera view allowing many people to experience the lasers, flame projectors, architectural lights, fireworks and confetti at the end. Three days to set up at the location but sadly one of those days was very wet so we lost quite a lot of time to finalize the synchronization and effects.

It was the biggest audience so far in Romania with an estimated 90,000 people.

Laser Show (including Multimedia)

3rd
Doctors Conference Multimedia Show
S.C. Laser Shows S.R.L.

Laser Shows Team
Music: (no information)
Length of original show: 8'30"

The show was created for the Romanian National Institute of Family Medicine annual doctors' conference. We used seven lasers, moving head lights, flame projectors, mirrors and mirror balls. It took about two weeks of programming in Pangolin Showtime 2000 which was used to control everything.

2nd
Aquascape
LOBO electronic

Designer: Roman Schuetz
Lighting and Effects: Iris Schua
Creative Director: Alex Hennig
Music: "He's a Pirate" by Klaus Badelt, "End Credit" by Harald Kloser and Thomas Wander
Length of original show: 3'47"

Aquascape follows an interesting artistic approach, leading the spectator with harmonious sounds to a false and subtle finale, interrupted by a raging percussion theme and a furious finale basing on Klaus Badelt's famous "He's a Pirate" soundtrack.

In programming the show, we exaggerated this contrast with colorful kitsch in the beginning and a laser attack with brute force and strong laser patterns, supported by fire and light effects in the end.

The response of the audience on this show is overwhelming, as almost anyone gets mousetrapped and needs some seconds to find himself in the new situation, to be bombarded from all sides with lasers and fire. It creates a strong emotional impact, as only very few shows managed to do before.

Laser Show (including Multimedia)

1st
Go2Extreme
LOBO electronic

Lasers, Video and Effects: Andreas Fritz
Creative Director: Alex Hennig
Music: "Stripped" by Rammstein
Length of original show: 4'26"

Andreas Fritz came up with the idea to produce an atmospheric beam show enhanced by video and fire.

Following the dark mood of Rammstein's new interpretation of Dépêche Mode's famous song "Stripped", the show plays with man's innermost fear of fire and death. It is sometimes slow and threatening, sometimes fast and raging.

With lots of time spent in the studio, Andreas managed to mix real and projected fire in such a way, that it is present wherever you look.

Multimedia Show (including Lasers)

Honorable Mention
Mysteria 2009
LOBO electronic

Beams Designer: Iris Schua, Julian de Pompa, Andreas Fritz, Peter Hirsch
Computer Animation: Christian Schnitzer
Video Cut: Wolfgang Ammrein
Technical Director: Sebastian Thiemeier
Setup: Martin Malorny
Creative Director: Alex Hennig
Show Director: Achim Schnitzer
Stage: Andreas Römer
Producer: Michael Mack
Music: "Mysteria 2009" by Calren Studios, "Are You Afraid of the Dark" by Marc Terenzi
Length of original show: 24'17"

The 10-day Halloween festival at Europa Park enchants visitors with an unmatched lineup of artists and equipment. A fanciful

spectacle on the basis of a weird horror musical in a castle scenery which was designed especially for this occasion was created: A young couple is seeking shelter in an old castle and enters a mysterious world full of spooky characters.

Six lasers created fascinating atmospheric effects and projected together with video breathtaking pictures onto three giant water screens as a vivid backdrop for the action on stage. The live performances of artists like Nelly Patty, Orion OJ Lynch, Beatrice Reece and special guest Marc Terenzi were accentuated by spectacular fire effects, water fountains, the choreography of the Europa Park ballet and many acrobats. The individual show concept of laser, fountains and pyrotechnics as well as dance interludes was perfectly tailored to the music which was exclusively composed for the show.

The project was extremely successful: Thanks to the Halloween spectacles, the highest number of visitors in the Europa Park ever was reached.

Multimedia Show (including Lasers)

3rd
Experimenta
LOBO electronic

Computer Animation: Alexander Hennig
Compositing: Bernhard Settele
Video Production: Jürgen Häffner
Video Post Production: Iris Schua
Sound Mix/Sound Design: Andreas Fritz
Speaker Recordings: Calren Studios
Beams Designer: Roman Schuetz
Technical Director: Sebastian Thiemeier
Setup: Martin Malorny, Volker Schaaf, Peter Hirsh
Creative Director: Alex Hennig
Music: "Chronologie, Pt. 4" by Jean-Michel Jarre
Length of original show: 7"50"

For the inauguration of an innovative science center of the Dieter Schwarz Foundation by the Prime Minister, we developed this demanding multimedia show. The "experimenta" wants to be more than just another Science Center. "Experimenta" is designed to be a place where young people can discover and develop their own strengths.

The client wanted to find a way to convey the technical aspiration of the institution at the inauguration ceremony. So, we developed a multi-stage concept, incorporating all creative services, the entire lighting and media equipment up to video and broadcast technology.

Within just 1 1/2 months, we created a sophisticated multimedia show production that combined lasers and video, layered by means of hologram-like Water Screen projections, as well as atmospheric beam and lighting effects to an visually opulent spectacle. Countless on-site video recordings with young actors directly at the exhibits were enriched by custom-made computer animations, 3-D laser animations and lighting effects.

The show follows a little boy and a girl, exploring the four different main departments of the center: the "workshop", the "network", the "playworks" and the "skill factory". All central contents of the action were hologram-like projections close to the audience with video creating a panoramic background

Immediately after the show, the building was inaugurated by Prime Minister Günther Oettinger.

Note: In the video, it is very hard to differentiate the foreground from the background. You may identify those parts which have been projected onto the water screen close to the audience, by the vertical stripes caused by the falling water.

Multimedia Show (including Lasers)

2nd
H2O
LOBO electronic

Computer Animation: Alexander Hennig
Laser Graphics: Julian de Pompa, Peter Hirsch
Compositing and FX: Bernhard Settele
Underwater Video: Rick Haupt, Oceans Discovery
Video Post Production: Iris Schua
Sound Mix/Sound Design: Andreas Fritz
Beams FX: Roman Schuetz
Technical Director: Sebastian Thiemeier
Setup: Martin Malorny, Volker Schaaf
Creative Director: Alex Hennig
Music: "End Credit" byHarald Kloser & Thomas Wander, "The End" by Kenedy & Jaz Coleman, "Ride" by Harry Gregson-Williams & John Powell
Length of original show: 3'39"

H2O is an opulent multimedia spectacle about water as the source of life. Follow a snow flake turning into a rain drop, flowing through a glacier, via waterfalls and winding rivers into the sea, where it forms the basis of a fascinating underwater world.

Regarding the artistic concept behind the show, it is an old artistic secret that precious things are rarely seen. So, when developing the multimedia experience H2O, which is mainly driven by video, lasers add the little magic to the presentation and lead the focus of the spectator to the important things of the show. To achieve this, lasers have been almost seamlessly embedded into the video production process right from the start. So lasers and video become strong partners, as you can see it for example at the logo animation or the drop falling on the leaf in the glacier lake.

The show creates a fascinating three-dimensional effect, without the need for any goggles, by different video and laser layers. So for example in the scene of snowfall or the underwater sceneries, some parts of the image are much closer to you than the actual background of the scene.

For the creation of the underwater footage of the sea animals, we teamed up with Oceans Discoveries, who are also in charge for underwater features for Discovery Channel. The purpose-made recordings have been produced in Tobago/Trinidad. In a post-production running for 3 months, the recordings have been cleaned, cropped, stabilized and re-formatted for the show. For the background we created 3D-animated sceneries, matching the movements of the animals perfectly. In a further production cycle, we added lasers for water, sparkling bubbles, snowflakes…

1st
Mardan Palace Inauguration
Orion-Art Multimedia

Lasershow Design: Alexey Panin (Orion-Art)
Art Director: Tara Smith (Laser System Europe)
Lasershow Production: Orion-Art Multimedia
Multimedia Production: Laser System Europe
Fountains: Crystal Water Group
SP/FX and Fireworks: Groupe F
Light, Sound and Video Projections: Procon
Music: Mix of different soundtracks
Length of original show: 35'00"

Innovative Application

Innovative Application

Honorable Mention
EuroSat Dark Ride
LOBO electronic

Designer: Iris Schua, Julian de Pompa
Setup: Sebastian Thiemeier
Lasers: Martin Malorny
Creative Director: Alex Hennig
Music: "In a Second Orbit" by Stark Fader
Length of original show: Duration of ride

EuroSat is a signature attraction at Europa Park. It is a roller coaster dark ride installed inside the same kind of silver sphere as you find it in Disney World's Epcot Center.

Thanks to a new laser system, the ride experience could be enhanced significantly. Lasers stress speed by counter-moving effects and create the illusion that the trains are bombarded with blazing laser beams from all sides, like in Star Wars. A truly phenomenal effect!

In addition to three fiber-fed green effects, an ultra-bright sparks laser system was installed together with fog machines inside the sphere. Thanks to the clever application of gratings, various bouncing and effect mirrors, the "sparks" laser reaches each and every corner of the roller-coaster. In combination with a light barrier control, it was possible to synchronize the effects perfectly to the movement of the train.

Note: The video shows scenes of the actual ride experiences. We apologize for the extreme camera movements. Due to the extreme forces during the ride, it was hardly possible to avoid the strong shaking of the camera.

Innovative Application

3rd
Johnnie Walker Interactive Laser Game
LaserDesign

Tom Kamaras, Themis Tsitsanis

The purpose was to make something that attracts customers in clubs. Johnnie Walker company wanted to make something interactive, entertaining and high-tech. We produced this "box" with the following details:

A bottle of JW Red Label (the prize) stands on a base-lit stand. In front of the bottle, there are two layers of laser beams that go from top to bottom. The lasers are 150mW, 640nm each. At the end of each reflection layer there is a sensor that alarms by switching the beams off if the player touches any of the beam path. Also, an LED countdown gives limited time to each player, shutting off the lasers after approximately 15 seconds. At the base of the box, there is a haze machine that gives a steady supply of smoke that is circulated with fans inside the beams area.

The objective is to try to put your hand through the beams, grab the bottle and take it out before the time ends and without touching any beam. If you win, the bottle is yours. If you touch any of the beams or the time runs out, then the lasers turn off and a big red alarm goes on inside the box! We adjusted the system (beam density, time) so approximately 3-4 players each night get the prize.

The game was a big success. We have been asked to build an additional 5 boxes. They travel throughout Greece four days a week (24 events per week) every week since April 2009. Almost a year and still going ... a lot of lasing.

<div style="text-align:center">

Innovative Application

2nd
Hypercube
HB-Laserkomponenten

</div>

Show Designer: Christian Kaiser
Music: "The Supergate" by Joel Goldsmith from the album
"Stargate: The Ark of Truth"
Length of original show: 2'19"

"Hypercube" is specially-designed for a showroom with five mirrored walls. The mirror cube has a dimension of 3 meters in every axis, but the laserbeams look like they continue endlessly.
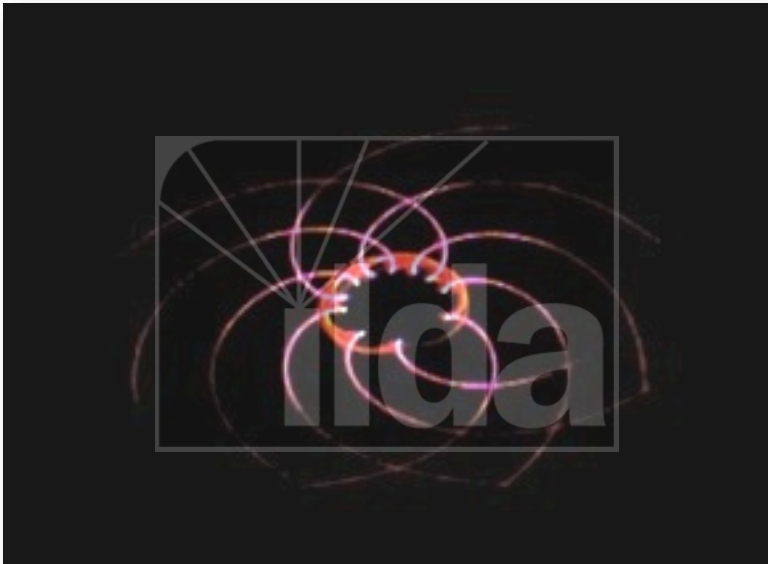
Live Performance

Live Performance

1st
Nothing Else Matters
DigiSynth

Performer: Chuck Rau
Music: "Nothing Else Matters" by Metallica
Length of original show: 3'59"

This song was performed using an abstract image synthesizer to show that it is possible to create sufficiently complex abstract patches that can be performed across an entire song.

Various aspects of the constantly-developing image geometry, colors, visible lines, harmonics, frequencies, gains and oscillations were constantly controlled live, as well as the triggering of additional accent elements from within the same patch. All images were performed from a single patch to a single scanner pair with no access to an external catalog of effects, programmed scenes or imagery.

Further, the patch itself was created specifically for the performance, just prior to recording what you are about to see.

Lasers Used In Video/Film

Note: In 2010, the judges did not award either of the two entries received for this category.

Laser Photography

Laser Photography

Honorable Mention
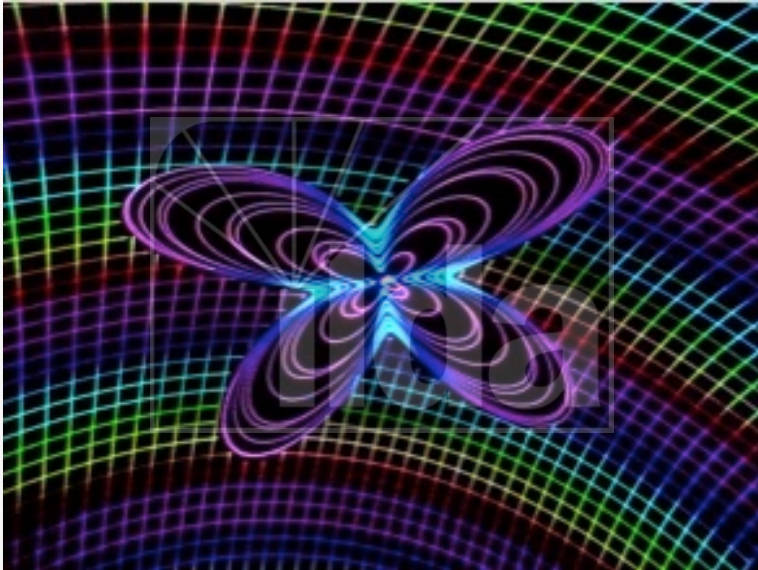*Concave Abstract Masking Grid*
DigiSynth

Photo: Chuck Rau

At first glance, this photo looks deceptively simple. However, the captured laser image shows the results of a monumental leap forward in modern programming techniques. It depicts an amplitude-modulated abstract with concave geometry creating a masked region in the background grid in real-time.

The ability to create masks from dynamic, moving abstracts that cleanly blank background images in all directions has not been possible using commonly available tools. Here, that goal is colorfully demonstrated in the photo.

Additionally, all colors in the image were generated from the geometry of their respective images. The curve in the image is due to the domed screen the image was projected on when captured as a photograph.

3rd
Galactica
Planetarium Hamburg

Photo: Oliver Görnandt

Laser Photography
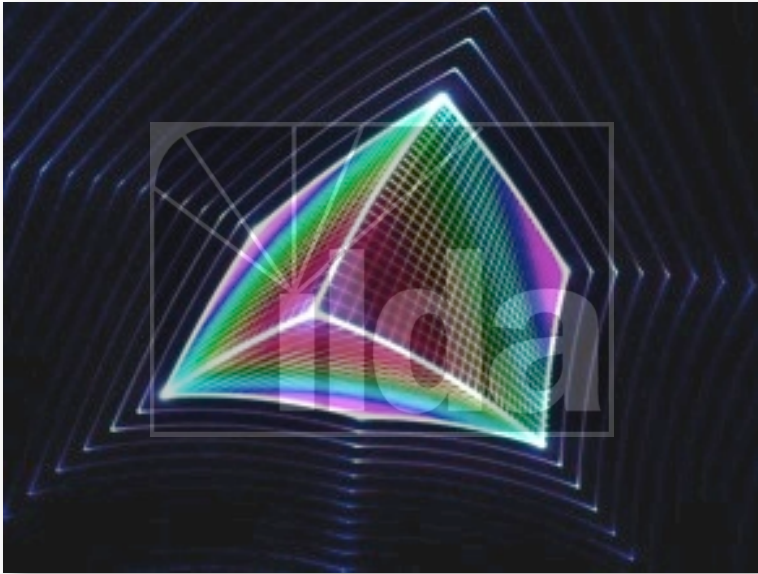
2nd
The Cube
DigiSynth

Photo: Chuck Rau

Behold "The Cube"... The laser imagery in this photo was not generated with a drawing program, computer graphics package, pencil, pen, puck, or other drawing tools. It is an abstract image created using the classic laser art of patching. [Adding waveforms of various shapes, frequencies, amplitudes, and phases to create two different complex waveforms; one drives the scanner's horizontal movement and one drives the vertical movement.] The colors represent the depth of the cube along the Z-axis [a third patched waveform drives the color modulator].

The overall image expresses itself three-dimensionally, abstractly nods to Pink Floyd fans, and subtly radiates outward in defiance of its own existence.

The intent of the photo is an artistic challenge to show that multi-layered geometric patterns can be created in an abstract programming environment. The image itself is one of metaphoric expression, pushing the boundaries of the abstract art of laser light.

1st
Dragon of Fire
LOBO electronic

Laser Design: Julian de Pompa
Photography: Roman Schuetz

Creative Director: Alex Hennig

This graphic has been created by our youngest designer Julian,
when he experimented with transferring his knowledge of
graphics design to lasers.

2010 Fenning Awards for Technical Achievement

In this category, ILDA is looking for technology that helps laserists do better shows in one or more ways; for example, more easily, with higher quality, at lower cost, etc. This year, the judging panel selected two entries as representing this type of technical achievement.

Judges: Hugo Bunk, Laserimage
Peter Jakubek, IAV GmbH
Glenn Wright, LaserNet

Fenning Awards

Honorable Mention
Laser plug-in for multimedia software
HB-Laserkomponenten
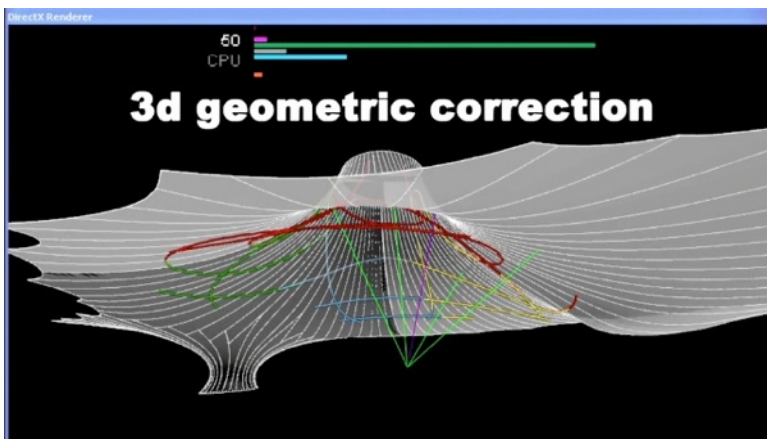
A laser plug-in for the vvvv.org open source multimedia 3D platform. Advantages:

- 360° projection with four projectors and seamless picture transfer.
- Geometrical correction occurs by virtual cameras in 3D space. Complicated objects are automatically geometrically straightened and corrected precisely.
- Programming with 3D programs such as Cinema, Max, etc. direct integration in vvvv.
- Direct mapping of the programming on virtual provided building or objects.
- Integration of multiple Pangolin output cards, also by network.
- Smooth picture handling on several projectors. Only one graphic will be provided and will automatically be split on all other projectors; e.g., 360° planetarium dome with four projectors.

<div align="center">

Fenning Awards

2nd
Lasershow Designer QuickShow
Pangolin Laser Systems

</div>
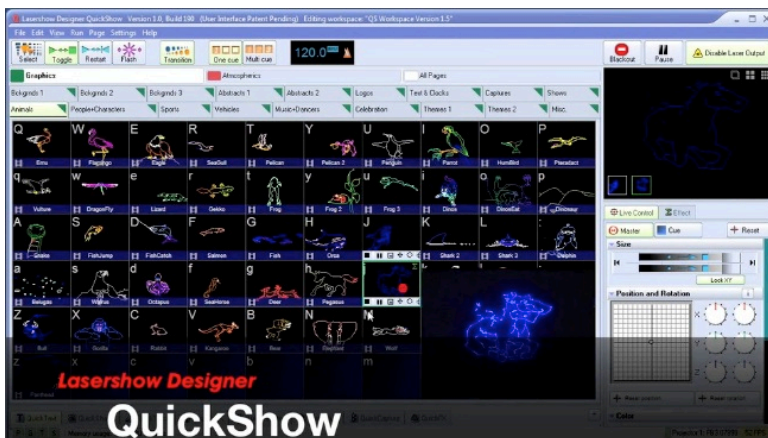
QuickShow is a software package from Pangolin that is intended to be easy enough to use that first-time laser users can easily make a laser show with high quality. And yet it was also intended to be powerful enough to satisfy the needs of true laser professionals.

QuickShow runs along with Pangolin's FB3-series of laser controller hardware. Because of this, it is relatively inexpensive. It is also easy-to-use, and yet it has power that has not even been seen in other packages.

Content creation tools include text, abstracts, frames and animations, targeted beam sequences and DMX sequences, analog and digital clocks, bitmap tracer and a timeline-based show creation system. Content can be created and edited "off-line" while an existing laser show is being played.

QuickShow can be controlled by MIDI, DMX, computer keyboard, mouse or touch screen, and QuickShow can output MIDI and DMX as well.

2010 Career Achievement Award

The Career Achievement Award is ILDA's highest honor. It recognizes exceptional individuals with a distinguished history of achievement in the laser display industry. For 2010, we are pleased to honor Lothar Bopp of LOBO electronic GmbH.

Lothar Bopp, LOBO electronic

From the nomination biography submitted for the CAA:

Dipl.-Ing. (FH) Lothar Bopp founded and leads one of the major players in the laser show industry. It is a company which is active in more than 65 countries and which is called by independent market analysts, like the economic scientist Prof. Dr. Hermann Simon, the market leader in its industry. With over 100 ILDA Awards his company leads the all-time ranking list of the industry's most important award. No other company ever received more ILDA Awards than his team.

Due to health problems, Lothar prepared a video acceptance speech. This is a transcript of his video.

My dear friends from ILDA: I deeply regret that I cannot be with you on this impressive ship this year. Actually I went through dramatic moments over the last weeks and I also had some serious surgery, which does not allow any kind of air travel for some weeks now.

Fortunately the docs did a really good job and I am very happy to tell you that it will be just a matter of a few weeks until I will also able to travel and work as ever before.

When staying in hospital for several weeks, you look back on your life from more distance. And I am really glad and grateful to tell that obviously not many things went wrong.

Receiving the Career Achievement Award as ILDA's highest honor is something very special in this situation. Probably there could not have been any better moment in my life to receive such an important Award.

On the occasion of receiving this Award I want to thank you and those who supported me throughout my whole life: At all times I had the chance to have fantastic people around me: Be it my wife and my family, be it our employees working with extreme

passion on every job or be it our clients, many of them supporting us for many decades now.

Most of you might know our shows from the ILDA Awards or trade shows. Over and over again our designers have proven that lasers are more than flickering line art and flashy beams in the air, but a powerful means evoking emotions and creating dreams of light - unlike any other medium. With their help we opened markets for all of us in the industry, which frowned upon lasers in the beginning.

But surprisingly not many of you know that doing shows is just a rather small fraction of our business. Primarily we still are manufacturer of laser systems and at least we always try to provide an extraordinary value for the money of our clients. I am not sure if there is a second laser company in the world, developing and manufacturing such an extraordinary wide range of products for laser display purposes.

Some innovations, each of us takes for granted today, originated from the LOBO labs many years ago. Some of you know that we have been the first to provide an off-the-shelf solution for mutli-color laser shows or multi-processor realtime control systems. But only few will know, how LOBO innovations continuously inspired and penetrated the industry.

Be it just such simple things to display multiple graphics simultaneously with just one scanner,…
…or to have something some people call today "projection zones"…
….or to be able to target effect mirrors by means of scanners instead of opto-mechanics.

This year was probably one of the most innovative years ever in the 28 years of our existence. No LOBO product ever before received so many important Awards of most different kinds than the new sparks laser projector family. With the optical system of this product, we could show that the actual brightness of a laser projector not primarily depends on its output power rather than on its beam characteristics. That's the reason why even the

smallest sparks laser can be significantly brighter than all those projectors stacking more and more lasers just to get out more light. More brightness at lower investment is one of the many deciding secrets behind this innovation. Honestly it was a hard job, convincing people that not output power but brightness makes the difference. But today we are very proud that this new approach even succeeded in markets, we have not been so present before, such as for example Japan or even Iran. And who knows, perhaps one of you will be the first to take this product over the big pond...

The development of products like these is one of many possible answers of how to shape the future of our radically changing industry.

I am also glad to see that with the "ILDA Professional Program", the industry's leading trade association shows, that most of us believe that excellence and professionalism will be the only key which leads us into a promising future, ensuring the revenue, all of us need to continue to fascinate millions of spectators with our magical light.

I am extraordinarily proud to receive this 'Award of the Awards' today. I hope you will have a fantastic time onboard and already today I am looking forward to welcoming you at LOBO in 2013.

ILDA Professional Presentation

The ILDA Accredited Professional Lasershow Company concept has been planned and discussed for many years. In 2010 it became a reality, with the first four applications. Two companies completed the application and documentation process in time for the 2010 Conference. Congratulations to LaserNet and Laser Spectacles! We look forward to many more "ILDA Pro" companies being accredited in the years to come.

Listed alphabetically

Laser Production Network (LaserNet)
Tom Harman & Christine Jenkin

Laser Spectacles
Tim Walsh