

LED
professional

 **symposium + Expo**

2011

LpS

LED Lighting Technologies

27-29 September 2011
Festspielhaus Bregenz / AUSTRIA

LEDs & OLEDs

Optics

Drivers

Thermal Management

Testing

Contact

Luger Research e.U. / LED professional

Austria

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LED Technologies – Winning Approaches

The lighting industry is experiencing a radical change due to the emergence of LED technology. The advantages of Solid State Lighting are so important that LED solutions are being conceptualized and developed right through every branch and application area of light.

At the same time we are experiencing stupendous dynamics in the further development of LED light sources and the necessary components in the field like, for example, the optical elements, the electronic drives or the cooling systems.

In order to be able to design reliable, efficient and cost optimized LED solutions, it is necessary to keep up with the above mentioned dynamics and to choose the best technologies for each application.

The aim of the LED professional Symposium + Exhibition is to give the participants information about the newest technology trends, introduce technology solutions and to help create and/or expand their network of leading suppliers and research facilities.

The topics of the Symposium + Exhibition forge a bridge between the LED light source to the components and on to LED modules, lamps and luminaries, whereby the main emphasis lies in the areas of efficiency, reliability, costs, tests and standardization.

Please take note of the supplemental contributions relating to design methods. Conceptual methods for designing innovative LED lighting solutions efficiently.

I'd like to take this opportunity to personally invite you to this event! You can expect to see Top LED lights, components, equipment and methodology experts as well as a first class exhibition put on by leading suppliers in a very unusual setting – the Bregenz Festival House. The Festival House or Festspielhaus is not only known for its performances on the lake stage but also for the James Bond movie that was filmed here and for its extraordinary architecture and features – all offered in an excellent structure.

Use this chance to get to know the Winning Approaches of LED Technologies.

I'm really looking forward to meeting you in the heart of Europe!

Best regards,

Siegfried Luger
Event Director,
CEO Luger Research,
Publisher LED professional

OSRAM
Opto Semiconductors

LED X Light for you
powered by OSRAM
CERTIFIED PARTNER



■	WELCOME	2
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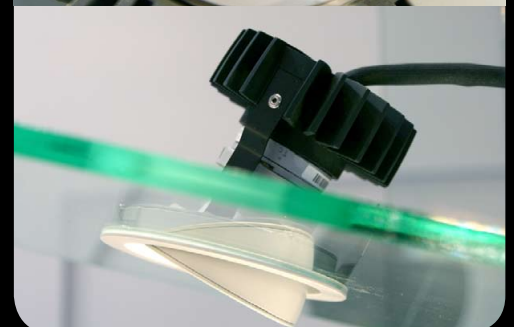
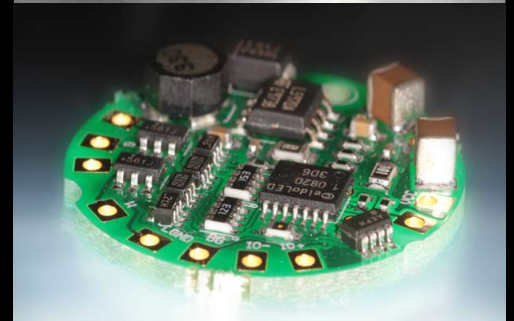
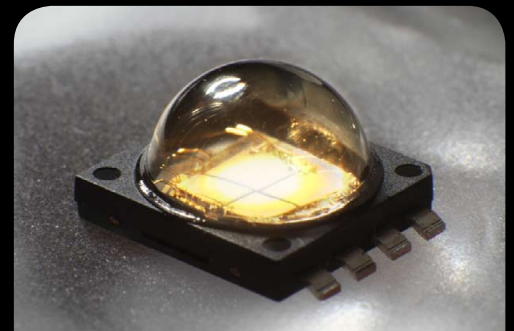
■	SYMPOSIUM	4
	Introduction	4
	Visitor's Profile	5
	Symposium Schedule	6
	Speakers	7
	Call for Papers	8
	Symposium Management	9

■	SPONSORSHIP	10
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■	EXHIBITION	12
	Introduction & Floorplan	12
	Booth Options	13

■	REGISTRATION	14
	Event Registration	14
	Accommodations	15

■	CONTACT INFORMATION	16
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LED professional Symposium & Exhibition 2011

"LED Lighting Technologies - Winning Approaches" in Bregenz, Austria on September 27 - 29.



LpS 2011 at the Festspielhaus Bregenz



Exhibition



Symposium



James Bond 007 film location

LpS (LED professional Symposium) aims to become Europe's foremost LED lighting technology meeting point for lighting experts in industry and research. The symposium covers LED/OLED lighting technologies for luminaries, lamps and modules focusing on new system approaches, new components and the most up to date methodologies.

From September 27th to 29th, 2011, global key players from the fields of industry and research will be meeting in Bregenz, Austria. This is where you can get the latest information on the newest technologies and developments and resolve challenges with state-of-the-art solutions.

The international user-oriented symposium will cover LED lighting technologies and their applications. The LpS exhibition will run concurrently.

LED lighting technology has a big influence on the development of new lighting solutions and is applied in all stages of lighting, from light generation to optical systems and lighting measurements. The symposium, which is planned to become an annual event - offers a comprehensive program that deals with these topics.

Specialists from all over the world will present their latest, as yet, unpublished, technologies and products. They are also available for detailed technical discussions during the event.

The symposium offers an ideal platform for dialogue between research, industry, product development and application.

Topics covered:

- Evolution of LED lighting systems
- Technologies for increased efficiencies of white LED systems
- Technologies for mixing LED light
- Reliability of LED lighting systems
- Standardization & measurement of LED lighting systems
- Design approaches & tools of LED lighting systems
- Cost & production process improvements for LED lighting systems
- Intellectual properties

System areas covered:

- Light generation
- Primary & secondary optics
- Driver ICs
- Lighting driver modules
- Cooling devices
- Substrate, packaging & connection devices & materials
- Lighting control modules
- Lighting design tools & configurators covering optics,
- electronics & thermal components
- Measurement & calibrating equipment
- Production methodologies & manufacturing tools
- Intellectual properties
- How physiological data and facts from the field of natural science influence LED lighting technologies

Venue: Symposium & Exhibition (LpS):
Festspielhaus Bregenz
<http://www.festspielhausbregenz.at>
Platz der Wiener Symphoniker 1
6900 Bregenz
Austria

Who Should Attend the Symposium & Exhibition?

The LED professional Symposium & Exhibition mainly targets interest groups that want information about LED lighting technology and its application in light modules and lighting elements.

The symposium itself is technology oriented and is therefore ideal for people from the technical and technology fields. The exhibition itself will present technologies, components, products and implementation solutions and is therefore also an ideal platform for an extended circle of people.

Main Target Groups of the LED professional Symposium & Exhibition

Managers & personnel who are interested in LED lighting technologies, that want to meet international LED lighting technology experts, and are interested in expanding their industry & research network, especially:

- Technical directors
- R&D managers and personnel
- Technical sales and marketing personnel
- Technical purchasers
- IP managers and personnel
- Technical application engineers
- Students of engineering subjects
- Technical consultants

Organizations:

- Lighting Manufacturers
- Component Manufacturers
- Module Manufacturers
- Test Equipment Manufacturers
- Production Equipment Manufacturers
- Research Institutes
- Testing Laboratories
- Approval Laboratories
- Lighting Organizations

Symposium Schedule

September 27, 2011 - TUESDAY	DAY 1
Workshop Part I - Dr. Sergei Ikoenko, MIT, USA Disruptive Innovation Technology - Winning Approaches in LED Lighting	09.30
Lunch Break	12.30
Workshop Part II - Dr. Sergei Ikoenko, MIT, USA Disruptive Innovation Technology - Winning Approaches in LED Lighting	13.30-14.30
September 27, 2011 - TUESDAY	DAY 1
Registration	14.00
Symposium Opening & Keynote Speeches	15.00
Siegfried Luger, Luger Research e.U., Austria Symposium Opening	
DI Klaus Vamberszky, Zumtobel Group Austria Managing LED Lighting Technologies	
Dr. Gerhard Kuhn, OSRAM Opto Semiconductors, Germany Challenges of LED Lighting Systems	
Dr. Sergei Ikoenko, MIT, USA Technology Evolution in LED Lighting	
Exhibition Opening	16.30
Buffet	18.30
September 28, 2011 - WEDNESDAY	DAY 2
Light Generation: Session 1	08.30
Coffee Break	10.30
Light Generation: Session 2	11.00
Lunch Break	12.30
Components: Session 3	14.00
Coffee Break & Exhibition Hot Spot Forums	15.30
Components: Session 4	16.30
Exhibition Hot Spot Forums	18.00
Gala Dinner	20.00
September 29, 2011 - THURSDAY	DAY 3
Modules & Lamps: Session 5	08.30
Coffee Break	10.00
Modules & Lamps: Session 6	11.00
Lunch Break	12.30
Luminaries & Applications: Session 7	14.00
Symposium Closing	15.00

Key Note Speakers

The complete symposium program will be published after the selection of the papers in March 2011.

Key-Note Speakers



Dr. Klaus Vamberszky

Executive Vice President of Technology
Zumtobel Group, Austria

Key-Note: Managing LED Lighting Technologies

Klaus Vamberszky earned his diploma in engineering and process engineering at the Technical University in Vienna. His career as a luminary design engineer began at Zumtobel Licht GmbH in 1985. Over the years, Mr. Vamberszky worked in various departments in the areas of research, development and marketing within the Zumtobel Group and on October 1st, 2009 he was promoted to Executive Vice President of Technology.



Dr. Gerhard Kuhn

Head of the worldwide Application team for the BU Solid State Lighting, OSRAM Opto Semiconductors, Germany

Key-Note: Challenges of LED Lighting Systems

Dr. Gerhard Kuhn has been working with optoelectronic components for more than 25 years. From 2005 until 2008 he was responsible for the Application Design Center Asia at OSRAM China Lighting in Shanghai, China. Back in Germany again, he became head of the worldwide Application team for the Business Unit Solid State Lighting of OSRAM Opto Semiconductors in Regensburg



Prof. DDr. Sergei Ikoenko

Director and Chief Specialist, Innovation Leadership Programs, Massachusetts Institutes of Technology (MIT), USA

Key-Note: Technology Evolution in LED Lighting

Workshop: Disruptive Innovation Technology - Winning Approaches in LED Lighting

Dr. Sergei Ikoenko is a leading consultant and project facilitator in innovation technology of design. He has conducted more than 700 courses on innovation and the Theory for Inventive Problem Solving (TRIZ) topics for Fortune 500 companies worldwide. He holds two doctorate degrees – a Ph.D in Industrial Engineering and Dr.-Eng. in Environmental Engineering and Sciences as well as Master degree in Patent Law. Dr. Ikoenko has taught seminars at MIT, Harvard University, California Institute of Technology, Stanford University, Vanderbilt University, Oxford University, and other leading educational institutions worldwide.

WORKSHOP, Sept. 27, 2011, 09.30-14.30, max. 50 attendees

The Disruptive Innovation Technology Seminar, held by Prof. DDr. Sergei Ikoenko, introduces participants to framework and toolset development of disruptive technologies, with a focus on driving strategic front-end of innovation including Main Parameters of Value (MPV) discovery and problem identification methods.

Participants will also be introduced to a deliberative innovation process for technology development, and participate in a discussion around strategic tools and methods for envisioning next generation products; rather than downstream problem-solving tools specific to product design.

The most important objective from a business perspective is to identify hidden (latent) MPV that the consumer does not verbalize. If such an MPV is determined it can be a basic for a new business platform. The participants will be introduced to the major direction of latent MPV discovery.

The seminar is furnished with examples from LED lighting area as well as from other engineering fields.

Topics covered:

- Disruptive Technology Process
- Introduction to Pragmatic S-Curve Analysis
- Latent MPV Discovery
- Function Oriented Search

Submit your Abstract by February 1, 2011

Experts from industry and academia are invited to present their latest developments and expectations for future trends at the LED professional Symposium 2011 (previously unpublished submissions only). continued to grow. Exhibit attendances approaching 3,000 at the Strategies in Light event. LpS aims to be the leading conference addressing the topics of LED lighting technologies. Here's your chance to showcase your work, share your expertise and open a dialogue with the LED lighting community. The conference will provide, among other things, numerous opportunities for networking.

Benefits of Presenting at LpS

- Unique platform for presenting your company's technical expertise
- Incomparable networking opportunities
- Expand your knowledge by attending the conference sessions
- Get the latest updates on the newest developments
- LED lighting exhibition for a unique overview of the latest technologies, trends and solutions

Areas of Interest (Area # 1 - 8)

1. Evolution of LED lighting systems
2. Technologies for increased efficiencies of white LED systems
3. Technologies for mixing LED light
4. Reliability of LED lighting systems
5. Standardization & measurement of LED lighting systems
6. Design approaches & tools of LED lighting systems
7. Cost & production process improvements for LED lighting systems
8. Intellectual properties

Systems of Interest (System # 1- 12)

1. Light generation
2. Primary & secondary optics
3. Driver ICs
4. Lighting driver modules
5. Cooling devices
6. Substrate, packaging & connection devices & materials
7. Lighting control modules
8. Lighting design tools & configurators covering optics, electronics & thermal components
9. Measurement & calibrating equipment
10. Production methodologies & manufacturing tools
11. Intellectual properties
12. How physiological data and facts from the field of natural science influence LED lighting technologies

Submission Requirements & Deadlines

- a) Papers **must be original material and not have been previously presented or published.**
- b) The abstract should be submitted as a pdf-file (2 pages) by e-mail to symposium@led-professional.com.
Deadline February 1, 2011. Mark your abstract with the **Area & System number** (see above).
- c) All submitted abstracts will be reviewed by the Advisory Board to ensure a high-quality symposium. Submitted abstracts may be selected for oral or poster presentation. **Notification about acceptance in March 2011.**
Submission of the **full manuscript is no later than June 30, 2011.**
- d) Symposium **language is English.**
- e) Oral presentation will be given during the symposium sessions addressing key elements of the same topic.
- f) Poster presentation authors will have the opportunity to present their posters during a special poster/dialogue session.



Advisory Board

Board of Directors



Siegfried Luger, EMBE
Founder & CEO, Luger Research e.U.
Publisher, LED professional



Arno Grabher-Meyer, Ing.
Chief Editor, LED professional

One of the main duties of the Advisory Board is to evaluate and select the conference presentations using completely objective criteria. The Advisory Board also makes proposals for amendments and changes. This process guarantees the quality of the papers which provide the symposium audience with the latest technology information.



Dr. Paul Hartmann
Head Materials, Joanneum Research



Dr. Günter Sejkora
Managing Director, Kompetenzzentrum Licht GmbH



M. Nisa Khan, Ph.D.
President, LED Lighting Technologies

Organization Committee



Theresa Koenig
Account Manager, LED professional



Armin Wezel
LED professional Representative
Germany

The Organization Committee supports the Board of Directors with their experience in setting up and holding international conferences and events. They ensure that the work runs smoothly and optimize event organization processes.

Opportunities

Take this opportunity to draw the attention of a world-wide audience that is focused on lighting to your company / organization. Please contact our international or your local representative to discuss your requirements and booking prospects. There are many different sponsorship packages available.

Please note:

Proceedings-booklets, bags, pens, notepads, LED professional Review and badges are given out to every symposium registrant.

How to become a Sponsor

Please call us or write us an e-mail using the contacts listed on the last page.

Sponsorship Packages	Prices in Euro & USD "Standard" (excl. VAT)	Prices in Euro & USD "Exclusive" (excl. VAT)
<p>Platinum Symposium Sponsor</p> <p>Logo displayed in eye-catching positions around the symposium and exhibition area</p> <p>Logo on all symposium signage</p> <p>Logo displayed in all symposium newsletter announcements</p> <p>Logo on the cover of the proceedings-booklets</p> <p>Logo on the symposium website at preferred position</p> <p>Logo on the symposium bags</p> <p>Your brochure in the symposium bags</p> <p>1 full-page ad in the accompanying LED professional Review distributed at the symposium</p> <p>Free 3-day entry for 3 delegates</p> <p>Free entry to the gala dinner for 3 persons</p>	-	<p>€ 8,500.-</p> <p>\$ 11,750.-</p>
<p>Gold Symposium Sponsor</p> <p>Logo on all symposium signage</p> <p>Logo displayed in all symposium newsletter announcements</p> <p>Logo on the cover of the proceedings-booklets</p> <p>Logo on the symposium website at preferred position</p> <p>Logo on the symposium bags</p> <p>Half-page ad in the accompanying LED professional Review distributed at the symposium</p> <p>Free 3-day entry for 2 delegates</p> <p>Free entry to the gala dinner for 2 persons</p>	<p>€ 6,400.-</p> <p>\$ 8,850.-</p> <p>(max. 3)</p>	-
<p>Silver Symposium Sponsor</p> <p>Logo on all symposium signage</p> <p>Logo in the proceedings-booklets</p> <p>Logo on the symposium website</p> <p>Half-page ad in the accompanying LED professional Review distributed at the symposium</p> <p>Free 3-day entry for 1 delegate</p> <p>Free entry to the gala dinner for 1 person</p>	<p>€ 3,000.-</p> <p>\$ 4,160.-</p> <p>(max. 5)</p>	-

Sponsorship Packages	Prices in Euro & USD "Standard" (excl. VAT)	Prices in Euro & USD "Exclusive" (excl. VAT)
<p>Symposium Badge Sponsor Logo on the symposium badges Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>€ 1,700.- \$ 2,370.- (max. 2)</p>	<p>€ 3,000.- \$ 4,160.-</p>
<p>Symposium Notepad Sponsor Logo on the notepad Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>€ 1,200.- \$ 1,680.- (max.3)</p>	<p>€ 3,200.- \$ 4,420.-</p>
<p>Symposium Pen Sponsor Logo on the pen Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>-</p>	<p>€ 1,100.- \$ 1,540.-</p>
<p>Symposium „Exhibition Buffet“ Sponsor „Sponsored by“ logo in the buffet areas Logo on the napkins and table tents Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>-</p>	<p>€ 2,500.- \$ 3,500.-</p>
<p>Symposium Gala Dinner Sponsor „Sponsored by“ logo in the dining area Logo on the napkins and table tents Free 3-day entry for 2 delegates Logo in the proceedings-booklets Logo on the symposium website</p>	<p>-</p>	<p>€ 3,500.- \$ 4,890.-</p>
<p>Symposium Lunch Sponsor „Sponsored by“ logo in the lunch area Logo on the napkins and table tents Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>€ 2,000.- \$ 2,780.- (max. 2)</p>	<p>€ 3,700.- \$ 5,120.-</p>
<p>Symposium Coffee-Break Sponsor „Sponsored by“ logo in the coffee-break area Logo on the napkins and table tents Free 3-day entry for 1 delegate Logo in the proceedings-booklets Logo on the symposium website</p>	<p>€ 1,000.- \$1,400.- (max. 5)</p>	<p>€ 4,500.- \$ 6,220.-</p>
<p>Symposium Refreshment Sponsor Company logo on the table tents Logo in the proceedings-booklets Logo on the symposium website</p>	<p>€ 800.- \$1,120.- (max. 2)</p>	<p>€ 1,500.- \$2,100.-</p>

Introduction

Use this opportunity to draw the attention of the right people to your company and products or services. Because this symposium is very technical, you will be meeting new people from companies you already know. These new contacts are potentially new clients. You will meet and talk to qualified R&D staff; find out what they really want and show them your solutions.

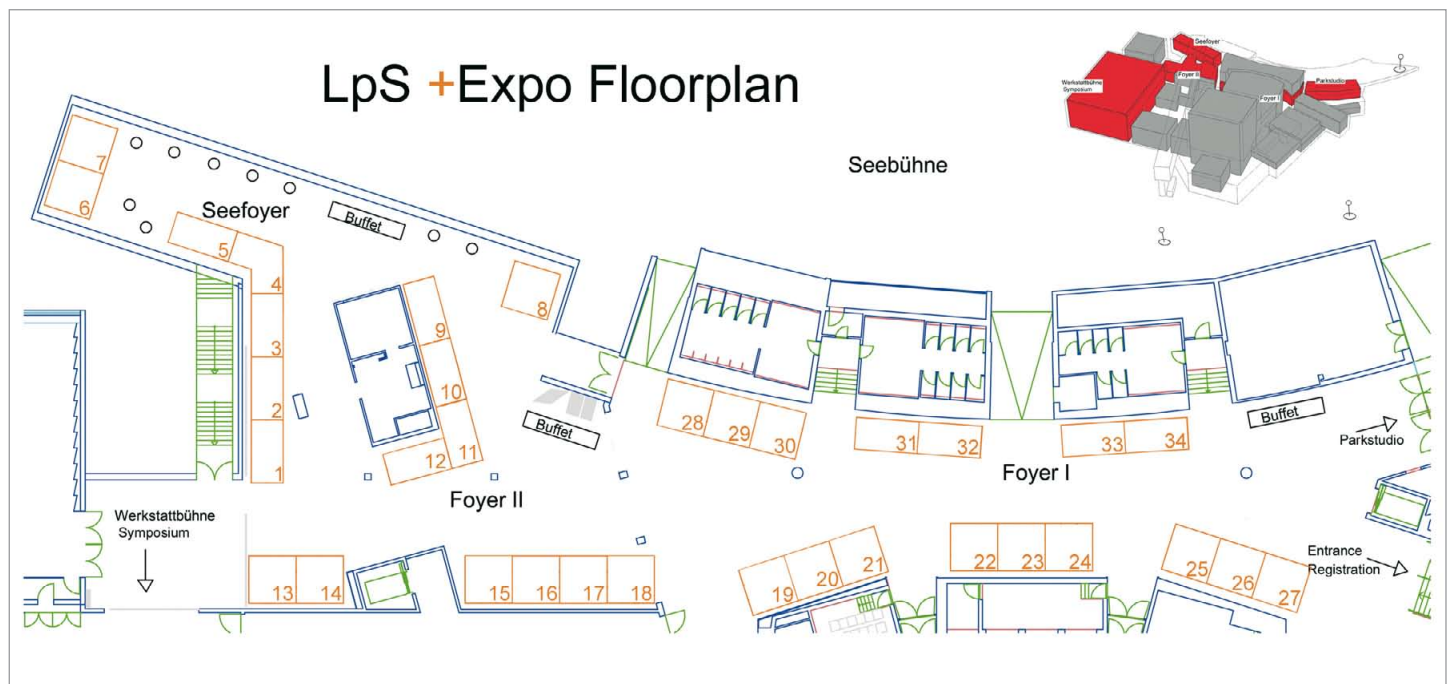
Booking Deadline: May 13, 2011

Reasons to exhibit at the LpS

- Present your products and services to an extensive audience in the lighting industry
- Make important contacts
- Expand your network
- Present your solutions and demonstrate your products

Who should exhibit

- LED & OLED manufacturers
- LED module manufacturers
- Light engines manufacturers
- LED optics manufacturers
- Thermal management device manufacturers
- LED & OLED driver IC manufacturers
- LED driver module manufacturers
- LED supply manufacturers
- Component distributors
- Supplementary components manufacturers covering: connectors, PCBs, electronic components, etc.
- Phosphor & resins manufacturers
- Lighting controls manufacturers
- LED test equipment manufacturers
- Simulation tool providers for optical, electronic and thermal simulations
- Testing & approval laboratories
- Production equipment manufacturers
- Engineering services organizations
- Research networks and organizations
- Lighting research institutes



Booth Options

Booth Type	Prices in Euro & USD (excl. VAT)
<p>Floor Space for either a 3x3 m or 2x4 m stand Electrical connection (230V, 16A, 3kW) Electricity costs Cleaning WiFi / WLAN Access Entry in the online exhibitor's list 1 three-day pass to the symposium</p>	<p>€ 3,700.- \$ 5,110.-</p>
<p>Standard Booth (3x3 m or 2x4 m) 3 walls, height 2.5m (sides, back) 1 table (T1) 1 table (T3) 2 chairs (C3) Carpet Electrical connection (230V, 16A, 3kW) Electricity costs Cleaning WiFi / WLAN Access Entry in the online exhibitor's list 1 three-day pass to the symposium</p>	<p>€ 4,900.- \$ 6,780.-</p>
<p>Premium Booth (3x3 m or 2x4 m) 3 walls, height: 2.5m (sides, back) 1 table (T1) 1 table (T3) 1 chair (C1) 2 chairs (C3) Carpet Spot-Lighting Sign Electrical connection (230V, 16A, 3kW) Electricity costs Cleaning WiFi / WLAN Access Entry in the online exhibitor's list 2 three-day passes to the symposium</p>	<p>€ 5,700.- \$ 7,900.-</p>
<p>Roadshow (Bus, Truck) On the Vienna Symphony Plaza in front of the Festspielhaus Bregenz</p>	<p>€ 4,500.- \$ 6,200.-</p>

Event Registration

You can register online using the registration link below or contact the registration office by phone or e-mail. Contact details are given below.

How to register?

Click [HERE](#) for online registration or visit www.vorarlberg.nethotels.com/cpv/english/lps_2011

You are welcome to call or write us directly or contact the registration office.

Registration Office:

Convention Partner Vorarlberg

Phone: +43 5574 43443-23

Fax: +43 5574 43443-4

E-mail: service@convention.cc

Registration Type	Prices in Euro „Standard“ (excl. VAT)	Prices in Euro „Early-Bird“ (excl. VAT)*
Workshop Registration (lunch incl.) Disruptive Innovation Technology - Dr. Sergei Ikoenko, max. 50 attendees!	€ 180.-	€ 180.-
Full Registration (Symposium + Exhibition) Entry for all 3 days of the symposium, free entry to the exhibition Lunches & Coffee Breaks	€ 570.-	€ 490.-
Single Day Registration (Symposium + Exhibition) Entry on one day of the symposium, free entry to the exhibition Lunch & Coffee Breaks	€ 400.-	€ 340.-
Students - Full Registration (Symposium + Exhibition) Entry for all 3 days of the symposium, free entry to the exhibition Lunches & Coffee Breaks	€ 190.-	€ 170.-
Students - Single Day Registration (Symposium + Exhibition) Entry on one day of the symposium, free entry to the exhibition Lunch & Coffee Breaks	€ 140.-	€ 110.-
Single Day - Exhibition Entry to the exhibition	€ 29.-	free - registration required
Registration for the Gala Dinner September 28, 2011 - 8pm Booking for accompanying person also possible	€ 70.-	€ 70.-
Additional Proceedings-Booklets	€ 150.-	-

*... Early Bird pricing ends on July 01, 2011.

Venue & Hotels

The Lake Constance is well known for its high quality touristic environment. Bregenz offers numerous accommodations from comfortable guest houses and B&B's to luxury hotels. The region offers several culinary highlights for every taste. First-class lokal and international cuisine is offered in autochthonous restaurants and award winning "Hauben"-Restaurants in Bregenz and the surrounding cities.



For hotel bookings and reservations, please contact the registration office:

Convention Partner Vorarlberg

Phone: +43 5574 43443-23

Fax: +43 5574 43443-4

E-mail: service@convention.cc

or visit www.vorarlberg.nethotels.com/lps_2011/english



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LED Lighting Technologies

27-29 September 2011 | Festspielhaus Bregenz | AUSTRIA

CONTACT INFORMATION

FOR ADDITIONAL INFORMATION PLEASE VISIT WWW.LED-PROFESSIONAL-SYMPOSIUM.COM
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