Diode Lasers and LED Systems - Activities - DTU Orbit (30/10/2019)

2019 IEEE High Power Diode Lasers and Systems Conference
Period: 9 Oct 2019 → 10 Oct 2019
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Participating in organization and technical committee
Degree of recognition: International

Related event

2019 IEEE High Power Diode Lasers and Systems Conference
09/10/2019 → 10/10/2019
Coventry, United Kingdom
Activity: Attending an event › Participating in or organising a conference

EMPIR PhotoLED - Summary of project results
Period: 8 Oct 2019
Anders Thorseth (Speaker)
Carsten Dam-Hansen (Other)
Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International
Links:
https://ssl.iea-4e.org/

Related event

IEA 4E SSL Annex's 19th Expert Meeting
08/10/2019 → 10/10/2019
Copenhagen, Denmark
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Solid State Lighting Annex Expert Seminar
Period: 7 Oct 2019
Carsten Dam-Hansen (Organizer)
Anders Thorseth (Organizer)
Dennis Dan Corell (Organizer)
Linda Christel (Organizer)
Diode Lasers and LED Systems
Department of Photonics Engineering

Description
The new EU omnibus lighting regulation sets new product demands on all lighting products and equipment including efficacy, flicker, lifetime, etc. The new regulation also rescales the energy label. The package is expected to be published in September 2019 – but what does it mean for your business?

International experts from the IEA 4E Solid State Lighting (SSL) Annex are meeting in Denmark, and will participate in a one-day seminar on 7 October 2019 to examine the new lighting regulation and the required testing. They will explain the important issues and you will have the opportunity to join the discussion and ask questions.

Flicker or TLM for temporal light modulation will be an important part of the talks and discussion over health, testing and policy issues. Jennifer Veitch will talk about a new investigation on visibility of stoboscopic effect. THis has included 85 test persons in Canada and in France. In two other talks these results will be related to an TLM laboratory test of LED lighting products and the limits in new EU lighting regulation.

Who should attend: The seminar is aimed at producers, importers and distributors of lighting products. The talks will be in
You can follow the new developments in the SSL Annex in the LinkedIn group. The Danish participation in this work is financed by EUDP and the Danish Energy Agency.

The seminar takes place at DTU Fotonik at DTU Risø campus
Degree of recognition: International
Links:
https://www.conferencemanager.dk/SSLAnnexSeminar

Related event
07/10/2019 → …
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PhD Defence by Anastasiia Krasnoshchoka Title: "DIODE LASER BASED LIGHTING"
Period: 6 Sep 2019
Anastasiia Krasnoshchoka (Speaker)
Anders Thorseth (Other)
Diode Lasers and LED Systems
Department of Photonics Engineering

Related event
PhD Defence by Anastasiia Krasnoshchoka
Title: "DIODE LASER BASED LIGHTING"
06/09/2019 → …
Roskilde, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

EMPIR PhotoLED stakeholder training
Period: 27 Aug 2019
Anders Thorseth (Organizer)
Diode Lasers and LED Systems

Description
Arranging EMPIR PhotoLED stakeholder training
Degree of recognition: International

Related event
EMPIR PhotoLED stakeholder training
27/08/2019 → 27/08/2019
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Numerical Comparison of Robustness of Multimode and Multicore Fibre Sensitivity against Fibre Bending
Period: 23 Jun 2019 → 27 Jun 2019
Madhu Veettikazhy (Speaker)
Biophotonic Imaging
Biomedical Engineering
Department of Health Technology
Diode Lasers and LED Systems
Department of Photonics Engineering

Description
Lensless endoscopes provide means for delivery and collection of light to and from tissue without any need for additional optical elements at the fibre distal end [1]. This requires a comprehensive investigation of the optical beam propagation through the fibre, since any focussing or scanning at the sample site requires the beam to be shaped at the fibre proximal end. The beam delivery and collection must be stable towards fibre bending for an accurate imaging system. In this context, the experimental acquisition of Transformation Matrix (TM) could lead to deterministic optical propagation even in non-ideal fibre structures [2,3], although one could only rely on this method after choosing the fibre for the current purpose. Even though this model has been used previously to experimentally predict the light propagation through a straight fibre [2] and then theoretically for significantly deformed segments of multimode fibres [3], an opportunity to choose a better-suited optical fibre for the specific application is not given by the TM method. We present a numerical tool to simulate various types of optical fibre under the realistic use case of bending deformations, which in turn allows the user to choose the best optical fibre with suitable parameters for the specific application before starting the experiment.

Degree of recognition: International

Documents:
CLEO_Europe-2019-ch_p_33
Links:

Related event

CLEO/EUROPE-EQEC 2019
23/06/2019 → 27/06/2019
Munich, Germany
Keywords: Beam delivery, Light beams, Light propagation, Multimode fibers, Optical fibers, Single mode fibers, Multicore fibers
Activity: Talks and presentations › Conference presentations

Meeting of CIE TC 2-90
Period: 21 Jun 2019
Anders Thorseth (Participant)

Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related event

Meeting of CIE TC 2-90
21/06/2019 → …
Washington, United States
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

CIE Division 2 Annual Meeting 2019
Period: 20 Jun 2019
Anders Thorseth (Participant)

Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related event

CIE Division 2 Annual Meeting 2019
20/06/2019 → …
Washington, United States
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Session on "Measurement of SSL Products" at CIE 2019
Period: 18 Jun 2019
Anders Thorseth (Chairman)
Beat Flicker - A Temporal Light Artefact Due To Multiple Sources of Time Modulated Light

Period: 17 Jun 2019
Johannes Lindén (Guest lecturer)
Anders Thorseth (Guest lecturer)
Carsten Dam-Hansen (Guest lecturer)

Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Metrics of temporal light artefacts (TLAs) are tools meant to quantify the magnitude of the impact of temporal modulated light generated by light sources. However, as lighting systems are becoming more and more complex, just assigning a TLA metrics to a light source is not necessarily an easy task. For example, a luminaire containing two drivers operating on slightly different frequencies could generate a light intensity waveform, resulting in some TLA values at one moment, and different TLA values at another moment. In acoustics, the corresponding phenomena would be two tones with slightly different frequencies, giving rise to something called "beats". The authors of this paper therefore calls the "light"-version of this phenomena beat flicker. The objective of the present work is to draw attention to a challenge that might arise, when assessing temporal modulated light, using tools currently available. The presence of beat flicker could be such a challenge to handle.

Degree of recognition: International
Documents:
x046-PO079
Beat Flicker Poster ver190603

Links:
http://files.cie.co.at/x046_2019/x046-PO079.pdf

Related event
CIE 2019 29th Quadrennial Session
14/06/2019 → 22/06/2019
Washington DC, United States
Keywords: Beat Flicker, Flicker, Temporal Light Artefacts, Temporal Light Modulation, Stroboscopic effects, Stroboscopic Visibility Measure, Flicker Index, Modulation Depth, Multiple Sources

Measuring and Comparing Waveforms of Temporal Light Modulation
Period: 17 Jun 2019 → 22 Jun 2019
Anders Thorseth (Speaker)

Department of Photonics Engineering
Diode Lasers and LED Systems

Degree of recognition: International

Related event
CIE 2019 29th Quadrennial Session
14/06/2019 → 22/06/2019
Washington DC, United States  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

**CIE 2019 29th Quadrennial Session**

**Period:** 16 Jun 2019 → 22 Jun 2019  
Anders Thorseth (Participant)  
Diode Lasers and LED Systems  
Department of Photonics Engineering

**Description**

CIE 2019 29th Quadrennial Session  
Degree of recognition: International

**Related event**

CIE 2019 29th Quadrennial Session  
14/06/2019 → 22/06/2019  
Washington DC, United States  
Activity: Attending an event › Participating in or organising a conference

**Glare, uncomfortable and dangerous, how to avoid it?**

**Period:** 22 May 2019  
Anders Thorseth (Invited speaker)  
Diode Lasers and LED Systems  
Department of Photonics Engineering  
Degree of recognition: National

**Links:**
https://www.tilmeld.dk/vejbelysningsdagen2019/program.html

**Related event**

Vejbelysningsdagen  
22/05/2019 → …  
Odense, Denmark  
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

**International Journal of Environmental Research and Public Health (Journal)**

**Period:** 10 May 2019  
Anders Thorseth (Reviewer)  
Diode Lasers and LED Systems  
Department of Photonics Engineering

**Related journal**

International Journal of Environmental Research and Public Health  
1661-7827  
Indexed in DOAJ  
Central database

**Activity:** Editorial work and peer review › Peer review of manuscripts › Research

**4H-SiC Microring Resonators for Nonlinear Integrated Photonics**

**Period:** 23 Apr 2019  
Yi Zheng (Guest lecturer)  
Department of Photonics Engineering
Nanophotonic Devices

Diode Lasers and LED Systems

Centre of Excellence for Silicon Photonics for Optical Communications

**Description**
We demonstrate efficient four-wave mixing in high Q 4H-SiC microring resonators. We achieve a four-wave mixing conversion efficiency of -21.7 dB in a microring resonator with 79 mW pump power. Thanks to the strong light confinement in SiC waveguides with sub-micron cross-section dimensions, a high nonlinear parameter (γ) of 12.5 W-1m-1 is obtained, from which the nonlinear refractive index (n2) of 4H-SiC is estimated to be 9.2±0.4×10⁻¹⁹ m²/W at telecom wavelengths.

**Links:**

**Related event**

21st European Conference on Integrated Optics
23/04/2019 → 26/10/2019
Belgium
Keywords: Nonlinear optics,, integrated optics,, microresonators
Activity: Talks and presentations › Conference presentations
Diode Lasers and LED Systems

**Degree of recognition:** International

**Links:**

**Related event**

**SPIE Photonics West 2019: Optical Interactions with Tissue and Cells XXX**
02/02/2019 → 07/02/2019
San Francisco, United States
Activity: Talks and presentations › Conference presentations

**DOPS Annual Conference 2018/19**
Period: 30 Jan 2019 → 31 Jan 2019
Ole Bjarlin Jensen (Organizer)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
DOPS Annual conference

**Related event**

**DOPS Annual Conference 2018/19**
30/01/2019 → 31/01/2019
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising a conference

**CIE 2019 29th Quadrennial Session (Event)**
Period: 3 Jan 2019 → 5 Feb 2019
Anders Thorseth (Reviewer)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Member of the international scientific review panel

Degree of recognition: International

**Links:**
http://washington2019.cie.co.at/review-panel (Review Panel)

**Related event**

**CIE 2019 29th Quadrennial Session**
14/06/2019 → 22/06/2019
Washington DC, United States
Activity: Editorial work and peer review › Peer review of manuscripts › Research

**Laser lighting as replacement of high intensity discharge lamps**
Period: 13 Dec 2018
Carsten Dam-Hansen (Guest lecturer)
Anders Thorseth (Guest lecturer)

Department of Photonics Engineering
Diode Lasers and LED Systems
Related event

LED seminar
: LED there be light
13/12/2018 → …
Copenhagen, Denmark
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

OLED Teknologi
Period: 11 Dec 2018
Anders Thorseth (Guest lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

Related event

OLED Academy, Final Exhibition
11/12/2018 → …
Copenhagen, Denmark
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

Electrical Measurements of SSL Lamps and Luminaires
Period: 7 Nov 2018
Anders Thorseth (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related event

CIE Tutorial and Practical Workshop on CIE S025
05/10/2018 → 07/10/2018
Moscow, Russian Federation
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

CIE Practical Workshop on Goniophotometry under CIE S 025
Period: 6 Nov 2018
Anders Thorseth (Lecturer)
Tony Bergen (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related event

CIE Tutorial and Practical Workshop on CIE S025
05/10/2018 → 07/10/2018
Moscow, Russian Federation
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

CIE Tutorial and Practical Workshop on CIE S025
Period: 5 Nov 2018 → 7 Nov 2018
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:

Related event

CIE Tutorial and Practical Workshop on CIE S025
05/10/2018 → 07/10/2018
Moscow, Russian Federation
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Introduction to CIE S 025, Introduction to the Standard
Period: 5 Nov 2018
Anders Thorseth (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related event

CIE Tutorial and Practical Workshop on CIE S025
05/10/2018 → 07/10/2018
Moscow, Russian Federation
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Investigation of the absorption mechanisms of SiC for lighting applications
Period: 29 Oct 2018 → 31 Oct 2018
Abebe Tilahun Tarekegne (Invited speaker)
Haiyan Ou (Invited speaker)
Diode Lasers and LED Systems
Department of Photonics Engineering
Centre of Excellence for Silicon Photonics for Optical Communications
Degree of recognition: International
Documents:
WBGMD2018_FujanWorkshop_Abstract_1Page

Related external organisation

Sixth international workshop on wideband semiconductor materials and devices
Pingtan island, Fujian, Pingtan, China
Keywords: Silicon carbide, absorption, interconduction band, Photoluminescence
Activity: Talks and presentations › Conference presentations

Building and Environment (Journal)
Period: 25 Sep 2018 → …
Anders Thorseth (Reviewer)
Diode Lasers and LED Systems
Department of Photonics Engineering
Degree of recognition: International

Related journal

Building and Environment
0360-1323
Central database
Activity: Editorial work and peer review › Peer review of manuscripts › Research

**Stewart Bergen**

Start date: 17 Sep 2018 → 28 Sep 2018
Anders Thorseth (Host)
Carsten Dam-Hansen (Host)
Dennis Dan Corell (Host)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Activity: Hosting a guest lecturer

**Investigation of photoluminescence emission in Al-N co-doped 6H-SiC by temperature dependent measurements**

Period: 2 Sep 2018 → 6 Sep 2018
Abebe Tilahun Tarekegne (Guest lecturer)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Related event**

**European conference on silicon carbide and related materials (ECSCRM 2018)**
02/09/2018 → 07/09/2018
Birmingham , United Kingdom
Activity: Talks and presentations › Conference presentations

**Investigation of photoluminescence emission in Al-N co-doped 6H-SiC by temperature-dependent measurements**

Period: 2 Sep 2018 → 7 Sep 2018
Abebe Tilahun Tarekegne (Guest lecturer)
Kion Norman (Guest lecturer)
Valdas Jokubavicius (Guest lecturer)
Mikael Syvajarvi (Guest lecturer)
Philipp Schuh (Guest lecturer)
P. Wellmann (Guest lecturer)
Haiyan Ou (Guest lecturer)

Department of Photonics Engineering
Diode Lasers and LED Systems
Department of Energy Conversion and Storage
Centre of Excellence for Silicon Photonics for Optical Communications

**Description**
European Conference on Silicon Carbide and Related Materials (ECSCRM 2018)
Degree of recognition: International
Documents:
ecscrm_2018_abstract_Abebe_Final

**Related external organisation**

**European Conference on Silicon Carbide and Related Materials**
International Conference Centere, Broad street, Birmingham, B1 2EA, Birmingham , United Kingdom
Keywords: Photoluminescence, Al-N co-doped, Silicon carbide, Carrier dynamics
Activity: Talks and presentations › Conference presentations

**Seminar on photometric measurements and color performance of solid state lighting**
Period: 16 Aug 2018
Anders Thorseth (Organizer)
Carsten Dam-Hansen (Organizer)
Yoshi Ohno (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Seminar on photometric measurements and color performance of solid state lighting
Degree of recognition: Local

Related event
Seminar on photometric measurements and color performance of solid state lighting
16/08/2018 → …
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

CIE Expert Tutorial and Workshop on Research Methods for Human Factors in Lighting
Period: 13 Aug 2018 → 14 Aug 2018
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event
CIE Expert Tutorial and Workshop on Research Methods for Human Factors in Lighting
13/08/2018 → 14/08/2018
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising a conference

CIE Expert Tutorial and Workshop on Research Methods for Human Factors In Lighting
Period: 13 Aug 2018 → 14 Aug 2018
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event
CIE Expert Tutorial and Workshop on Research Methods for Human Factors in Lighting
13/08/2018 → 14/08/2018
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Commission on Illumination (External organisation)
Period: 10 Aug 2018 → …
Anders Thorseth (Member)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
LED Reference Spectrum for Photometer Calibration

The purpose of this TC is to investigate and publish an LED Reference spectrum to complement the Standard Illuminant A. The TC will investigate and decide the spectral shape, wavelength range and the format to be used for publishing the reference spectrum. In addition a metric for the quality of the match of spectral distribution of real sources to the reference spectrum will be defined for the purpose of photometric calibrations.
Degree of recognition: International
Links:
http://www.cie.co.at/technicalcommittees/led-reference-spectrum-photometer-calibration

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Yoshi Ohno
Start date: 9 Aug 2018 → 17 Aug 2018
Carsten Dam-Hansen (Host)
Anders Thorseth (Host)

Department of Photonics Engineering
Diode Lasers and LED Systems

Description
DTU Fotonik is hosting NIST Fellow and CIE President Yoshi Ohno for the "CIE Expert Tutorial and Workshop on Research Methods for Human Factors in Lighting"
Degree of recognition: International
Activity: Hosting a guest lecturer

International Commission on Illumination (External organisation)
Period: 3 Jul 2018 → …
Anders Thorseth (Member)

Diode Lasers and LED Systems
Department of Photonics Engineering

Description
This research forum follows the CIE Stakeholder Workshop for Temporal Light Modulation Standards for Lighting Systems and is one of the tasks specified in the road map in TN 008:2017. The RF will provide a discussion and information- and data-sharing platform for all aspects of temporal light modulation of lighting systems. These can include discussions relating to the measurement of TLM waveforms (informal discussions in support of TC 2-89), visual performance, or health effects of TLM, prediction of these effects from metrics that may be proposed, and application-specific considerations related to lighting systems used in any setting. It is intended to use this platform to involve other stakeholders, bringing in all experts with a genuine interest in the topic so that CIE builds on its leadership in this topic area.
Degree of recognition: International

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of research networks or expert groups

IEA 4E SSL Annex 2017 Interlaboratory Comparison of Goniophotometer Measurements (IC 2017)
Period: 30 Jun 2018 → 10 Aug 2018
Carsten Dam-Hansen (Other)
Anders Thorseth (Other)
Dennis Dan Corell (Other)
Johannes Lindén (Other)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:

Related event
IEA 4E SSL Annex 2017 Interlaboratory Comparison of Goniophotometer Measurements (IC 2017)
30/06/2017 → 01/09/2018
Activity: Other

CIE Division 2 Annual Meeting 2018
Period: 12 Jun 2018 → 15 Jun 2018
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Division 2 Annual Meeting 2018
Degree of recognition: International

Related event

CIE Division 2 Annual Meeting 2018
12/06/2018 → 15/06/2018
Eindhoven, Netherlands
Activity: Attending an event › Participating in or organising a conference

Division 2 Annual Meeting 2018
Period: 12 Jun 2018 → 15 Jun 2018
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Division 2 Annual Meeting 2018
Degree of recognition: International
Links:
http://cie.co.at/news/division-2-annual-meeting-2018

Related event

Division 2 Annual Meeting 2018
12/06/2018 → 15/06/2018
Eindhoven, Netherlands
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Commission on Illumination (CIE) (External organisation)
Period: 1 Jun 2018
Anders Thorseth (Member)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Country member of CIE Division 2 for Denmark
Degree of recognition: International

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Board duties in companies, associations, or public organisations

Xu Jian
Start date: 1 Jun 2018 → 1 Mar 2019
Ole Bjarlin Jensen (Host)
Carsten Dam-Hansen (Host)
Anders Thorseth (Host)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Activity: Hosting a guest lecturer

International Commission on Illumination (External organisation)
Period: 1 Apr 2018 → …
Anders Thorseth (Member)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Seminar on phosphor converted laser lighting
Period: 20 Mar 2018
Anders Thorseth (Organizer)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event

Seminar on phosphor converted laser lighting
20/03/2018 → …
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

PhD Defense: Louis Martinus Kehlet (Event)
Period: 13 Feb 2018
Ole Bjarlin Jensen (Chairman)

Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Chairman of the PhD Assessment Committee for Louis Martinus Kehlets PhD defense entitled "Upconversion mid-infrared (UCIR) spectroscopy and spectromicroscopy of heterogeneous catalysts".
Degree of recognition: Local

Related event

PhD Defense: Louis Martinus Kehlet
13/02/2018 → 13/02/2018
Roskilde, Denmark
Activity: Membership › Membership in review committee
Simple fibre based dispersion management for two-photon fluorescence imaging
Period: 27 Jan 2018 → 1 Feb 2018
Dominik Marti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event
SPIE Photonics West 2018: Multiphoton Microscopy in the Biomedical Sciences XVIII
27/01/2018 → 01/02/2018
San Francisco, United States
Activity: Talks and presentations › Conference presentations

LED possibilities and challenges
Period: 2 Jan 2018
Anders Thorseth (Guest lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

Related event
33480 High-Tech Entrepreneurship
02/01/2018 → 21/01/2018
Lyngby, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Activities in the standardisation of light sources and spectroradiometer calibration
Period: 15 Dec 2017
Anders Thorseth (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event
6th PV-Outdoor-Spectral Measurement Mini Workshop: Dissemination of the Spectroradiometer and Broadband Intercomparison 2017
15/12/2017 → …
Vienna, Austria
Activity: Talks and presentations › Conference presentations

IEA 4E SSL Annex Conference
Period: 23 Nov 2017
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Participation in SSL Annex conference
Degree of recognition: International

Related event
IEA 4E SSL Annex Conference
: Promoting High Quality, Energy-Efficient Solid State Lighting
23/11/2017 → 23/11/2017
IEA 4E SSL Annex's 15th Expert Meeting
Period: 20 Nov 2017 → 22 Nov 2017
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Participation in meeting as Danish expert
Degree of recognition: International

Related event
IEA 4E SSL Annex's 15th Expert Meeting
20/11/2017 → 22/11/2017
 Canberra, Australia
Keywords: Solid State Lighting
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

DOPS Annual Conference 2017
Period: 9 Nov 2017 → 10 Nov 2017
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Conference organized by the Danish Optical Society
Degree of recognition: National

Related event
DOPS Annual Conference 2017
09/11/2017 → 10/11/2017
Lyngby, Denmark
Activity: Attending an event › Participating in or organising a conference

CIE Division 2 Annual Meeting 2017
Period: 26 Oct 2017
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event
CIE Division 2 Annual Meeting 2017
26/10/2017 → …
Jeju, Korea, Republic of
Activity: Attending an event › Participating in or organising a conference

CIE DR 2-80, CIE Division 2 Reportership, on metrology of laser based lighting
Period: 26 Oct 2017 → …
Anders Thorseth (Advisor)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Public and private sector consultancy › Consultancy

AN INSTRUMENT FOR THE MEASUREMENT OF ROAD SURFACE REFLECTION PROPERTIES
Period: 25 Oct 2017
Dennis Dan Corell (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event

CIE Midterm Meeting 2017
23/10/2017 → 25/10/2017
Jeju, Korea, Republic of
Activity: Talks and presentations › Conference presentations

Laser Driven White Light Source for BRDF Measurement
Period: 24 Oct 2017
Anders Thorseth (Guest lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event

CIE 2017 Mid-term meeting Jeju Island
20/10/2017 → 28/10/2017
Korea, Republic of
Activity: Talks and presentations › Conference presentations

Light source characterization and air movement under CIE S 025
Period: 23 Oct 2017
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event

CIE 2017 Mid-term meeting Jeju Island
20/10/2017 → 28/10/2017
Korea, Republic of
Activity: Talks and presentations › Conference presentations

General Assembly of the CIE 2017 (Event)
Period: 22 Oct 2017
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
General Assembly of the CIE 2017
Degree of recognition: International

Related event

General Assembly of the CIE 2017
22/10/2017 → …
Jeju, Korea, Republic of
Activity: Membership › Board duties in companies, associations, or public organisations

CIE 2017 Mid-term meeting Jeju Island
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
CIE 2017 Mid-term meeting Jeju Island, Republic of Korea
Degree of recognition: International

Related event

CIE 2017 Mid-term meeting Jeju Island
20/10/2017 → 28/10/2017
Korea, Republic of
Activity: Attending an event › Participating in or organising a conference

High power diode lasers converted to the visible
Period: 11 Oct 2017
Ole Bjarlin Jensen (Invited speaker)
Anders Kragh Hansen (Invited speaker)
Peter E. Andersen (Guest lecturer)
Mathias Christensen (Guest lecturer)
André Müller (Invited speaker)
Mahmoud Tawfieq (Invited speaker)
Bernd Sumpf (Invited speaker)
Paul Michael Petersen (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Copenhagen Center for Health Technology

Description
Invited talk at the conference including 2 page abstract to be published in IEEE Xplore.
Degree of recognition: International

Related event

2017 IEEE High Power Diode Lasers & Systems Conference
11/10/2017 → 12/10/2017
Coventry, United Kingdom
Activity: Talks and presentations › Conference presentations

UVB irradiation has a greater efficacy than photodynamic therapy on Enterococcus Faecalis
Period: 15 Sep 2017
Merete Markvart (Speaker)
Aikaterini Argyraki (Other)
Paul Michael Petersen (Other)
UVB irradiation has greater efficacy than photodynamic therapy on Enterococcus Faecalis_ESE_final

Links:

Related event

18th Biennial European Society of Endodontology (ESE) Congress - Brussels, Belgium
14/09/2017 → …
Keywords: UV LEDs, Photodynamic therapy, biofilms
Activity: Talks and presentations › Conference presentations

Lysets dag 2017
Period: 14 Sep 2017
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

Related event

Lysets dag 2017: LED møder virkeligheden
14/09/2017 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

Værdisætning af nordisk lys
Period: 19 Aug 2017 → 20 Aug 2017
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

Related event

Værdisætning af nordisk lys
19/08/2017 → 20/08/2017
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Ultrafast Nonlinear Response of Silicon Carbide to Intense THz Fields
Period: 17 Jul 2017
Abebe Tilahun Tarekegne (Guest lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

The Optical Society
Washington, District of Columbia, United States
Activity: Talks and presentations › Conference presentations
Applied Optics (Journal)
Period: 21 Jun 2017 → …
Anders Thorseth (Reviewer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

**Related journal**

Applied Optics
1559-128X
Central database
Activity: Editorial work and peer review › Peer review of manuscripts › Research

**DALI Designer 5 programming**
Period: 15 Jun 2017
Anders Thorseth (Participant)
Finn Aage Christensen Pedersen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Optical Sensor Technology
Degree of recognition: Local

**Related event**

**DALI Designer 5 programming: Starter**
15/06/2017 → …
Brøndby, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**7th International SpectroRadiometer Comparison (ISRC 2017)**
Period: 10 Jun 2017 → 14 Jun 2017
Anders Thorseth (Participant)
Nicholas Riedel (Participant)
Peter Behrensdorff Poulsen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Instrument comparison of outdoor spectroradiometers
Degree of recognition: International
Links:

**Related event**

**7th International SpectroRadiometer Comparison (ISRC 2017)**
12/06/2017 → 16/06/2017
Catania, Italy
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Biophotonics 17: International Graduate Summer School on Biophotonics**
Period: 10 Jun 2017 → 17 Jun 2017
Dominik Marti (Organizer)
Peter E. Andersen (Organizer)
Stefan Anderson-Engels (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:
http://www.biop.dk/Biophotonics17/

**Related event**

**Biophotonics 17: International Graduate Summer School on Biophotonics**
10/06/2017 → 17/06/2017
Ven, Sweden
Activity: Attending an event › Participating in or organising a conference

**Vejbelysningsdagen 2017**
Period: 31 May 2017
Anders Thorseth (Organizer)
Dennis Dan Corell (Organizer)
Johannes Lindén (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
DOLL exhibition of measurement facilities
Degree of recognition: National

**Related event**

**Vejbelysningsdagen 2017**
31/05/2017 → 31/05/2017
Odense, Denmark
Activity: Attending an event › Participating in or organising a conference

**IEEE Transactions on Industrial Electronics (Journal)**
Period: 26 May 2017 → …
Anders Thorseth (Reviewer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

**Related journal**

IEEE Transactions on Industrial Electronics
0278-0046
Central database
Activity: Editorial work and peer review › Peer review of manuscripts › Research

**CIE Tutorial and Practical Workshop on LED Lamp and Luminaire Testing to CIE S 025**
Period: 8 May 2017 → 11 May 2017
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
CIE Tutorial and Practical Workshop on LED Lamp and Luminaire Testing to CIE S 025

May 08 – 11, 2017, METAS Bern-Wabern, Switzerland

Related event

CIE Tutorial and Practical Workshop on LED Lamp and Luminaire Testing to CIE S 025
08/05/2017 → 11/05/2017
Bern, Switzerland
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

CIE Tutorial and Practical Workshop on LED Lamp and Luminaire Testing to CIE S 025
Period: 8 May 2017 → 11 May 2017
Dennis Dan Corell (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related event

CIE Tutorial and Practical Workshop on LED Lamp and Luminaire Testing to CIE S 025
08/05/2017 → 11/05/2017
Bern, Switzerland
Activity: Attending an event › Participating in or organising a conference

IEA 4E SSL Annex’s 14th Expert Meeting
Period: 3 May 2017 → 5 May 2017
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Participation in meeting as Danish expert
Degree of recognition: International

Related event

IEA 4E SSL Annex’s 14th Expert Meeting
03/05/2017 → 05/05/2017
Stockholm, Sweden
Keywords: Solid State Lighting
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Training in luminance imaging
Period: 5 Apr 2017 → 6 Apr 2017
Anders Thorseth (Organizer)
Dennis Dan Corell (Participant)
Mekbib Wubishet Amdemeskel (Participant)
Johannes Lindén (Participant)
Thierry Silvio Claude Soreze (Participant)
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Course lecturer: Tobias Porsch
Degree of recognition: Local
Related event

Training in luminance imaging
05/04/2017 → 06/04/2017
Roskilde, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Sub-picosecond nonlinear THz transmission modulation with ultrafast recovery time in silicon carbide
Period: 2 Apr 2017
Abebe Tilahun Tarekegne (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

OTST 2017
University College London, WC1E 6BT, London, United Kingdom
Activity: Talks and presentations › Conference presentations

THz-frequency zone-folded weak phonon modes in 4H and 6H silicon carbide
Period: 2 Apr 2017
Abebe Tilahun Tarekegne (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

OTST 2017
University College London, WC1E 6BT, London, United Kingdom
Activity: Talks and presentations › Conference presentations

Lighting Research and Technology (Journal)
Period: 28 Feb 2017 → …
Anders Thorseth (Reviewer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related journal

Lighting Research and Technology
1477-1535
Central database
Activity: Editorial work and peer review › Peer review of manuscripts › Research

LED possibilities and challenges
Period: 2 Jan 2017
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

33480 High-Tech Entrepreneurship
02/01/2017 → 21/01/2017
Lyngby, Denmark
Activity: Talks and presentations › Conference presentations

**Den Bibliometriske Forskningsindikator: Faggruppe 39 - Elektronik/teknik/magnetisme, kom.tek. mekatronik (External organisation)**
Period: 1 Jan 2017 → 31 Dec 2020
Ole Bjarlin Jensen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

**Related external organisation**

**Den Bibliometriske Forskningsindikator: Faggruppe 39 - Elektronik/teknik/magnetisme, kom.tek. mekatronik**
Børsgade 4, 1215, København K, Denmark
Keywords: Forskningsindikator, Scientific Advice
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Photosynthetic active radiation: Visit from KU**
Period: 19 Dec 2016
Carsten Dam-Hansen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Lecture and laboratory demonstration for 20 students from Copenhagen University,
Documents:
161219 KU meeting

**Related external organisation**

**Unknown Organization**
Keywords: Photosynthesis, Photometry
Activity: Talks and presentations › Conference presentations

**DOPS Annual Conference**
Period: 24 Nov 2016
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Organisation of the Annual Conference of the Danish Optical Society

**Related event**

**DOPS Annual Conference**
Lyngby, Denmark
Activity: Attending an event › Participating in or organising a conference

**DOPS annual conference 2016**
Aikaterini Argyraki (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: National

Related event

DOPS annual conference 2016
Kgs. Lyngby, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

IEA 4E SSL Annex’s 13th Expert Meeting
Period: 8 Nov 2016 → 10 Nov 2016
Carsten Dam-Hansen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Organisation of and participation in the IEA 4E SSL Annex’s 13th Expert Meeting

Related event

IEA 4E SSL Annex’s 13th Expert Meeting
08/11/2016 → 10/11/2016
Roskilde, Denmark
Activity: Attending an event › Participating in or organising a conference

LED Conference 2016
Period: 7 Nov 2016
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Coordinating organizer of LED conference
Links:
http://conferencemanager.events/ledmet2016/

Related event

LED Conference 2016
07/11/2016 → …
Roskilde, Denmark
Activity: Attending an event › Participating in or organising a conference

Measuring angular light distribution of lamps and luminaries
Period: 7 Nov 2016
Carsten Dam-Hansen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

LED Conference 2016
07/11/2016 → …
Roskilde, Denmark
Activity: Talks and presentations › Conference presentations

Grundkursus i belysning
Period: 14 Sep 2016
Carsten Dam-Hansen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Related event**

**Uddannelse af LED Agenter**
14/09/2016 → …
København V, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

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**41792 Measurement uncertainty estimation using statistical methods**
Period: 29 Aug 2016 → 30 Sep 2016
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
41792 Measurement uncertainty estimation using statistical methods

**Related event**

**41792 Measurement uncertainty estimation using statistical methods**
29/08/2016 → 02/09/2016
Lyngby, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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**International Commission on Illumination (External organisation)**
Period: 10 Aug 2016 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
CIE TC 2-85: Recommendation on the geometrical parameters for the measurement of the Bidirectional Reflectance Distribution Function (BRDF)

To provide geometrical recommendations for the BRDF measurement according to the type of sample under investigation, in order to allow better comparison between the different instruments, to improve the traceability of the measurements, and to help the user to choose the right angular configuration.

Body type: Technical committee
Degree of recognition: International
Links:
http://div2.cie.co.at/?i_ca_id=561&pubid=518 (CIE TC 2-85)

**Related external organisation**

**International Commission on Illumination**
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

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**DTU Fotonik, Lighting - Testing, innovation, research**
Period: 9 May 2016
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Presentation of the work of the LED team at DTU Fotonik, for the Photometry group at Aalto University, Department of Signal Processing and Acoustics.

Related event

Varios meetings on photometry
09/05/2016 → 10/05/2016
Helsinki, Finland
Activity: Talks and presentations › Conference presentations

International Commission on Illumination (External organisation)
Period: 6 Apr 2016 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
CIE TC 2-79: Integrating Sphere Photometry and Spectroradiometry
Terms of reference: To create a technical report on the photometry and spectroradiometry of sources in integrating spheres by updating the relevant parts of CIE 084-1989 and incorporating new techniques and practices.

Body type: Technical committee under CIE
Degree of recognition: International
Links:
http://www.cie.co.at/index.php/Technical+Committees (Technical committees under CIE)

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

SPIE Photonics Europe 2016
Period: 3 Apr 2016 → 7 Apr 2016
Aikaterini Argyraki (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
SPIE Photonics Europe 2016
Documents:
SPIE europe - final version
Links:
https://spie.org/EPE/conferencedetails/biophotonics-photonic-solutions

Related event

SPIE Photonics Europe 2016: Biophotonics: Photonic Solutions for Better Health Care
03/04/2016 → 07/04/2016
Brussels, Belgium
Keywords: UVB, UVC, LED, Disinfection, P. Aeruginosa
Activity: Attending an event › Participating in or organising a conference

DTU Fotonik, SSL activities, DOLL green lab
Period: 17 Mar 2016
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Related event

**Japan Lighting Manufactures Association visit to DOLL labs**
17/03/2016 → …
Roskilde, Denmark
Activity: Talks and presentations › Conference presentations

**MedTech Innovation**
Period: 8 Mar 2016
Aikaterini Argyraki (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Documents:
medico bazar_MM_LB

Related event

**MedTech Innovation**
08/03/2016 → …
Keywords: Biomedical applications, LED
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**Annual meeting of CIE Division 2 "Physical Measurement of Light and Radiation"**
Period: 7 Mar 2016
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Annual meeting of CIE Division 2 "Physical Measurement of Light and Radiation"
Links:
http://div2.cie.co.at/

**Related event**

**MedTech Innovation**
08/03/2016 → …
Activity: Attending an event › Participating in or organising a conference

**CIE Lighting Quality & Energy Efficiency Conference**
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
CIE 2016
Links:
http://melbourne2016.cie.co.at/ (Conference website)

**Related event**
Multi-photon microscope driven by novel green laser pump
Period: 13 Feb 2016 → 18 Feb 2016
Dominik Marti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
SPIE Photonics West 2016: Multiphoton Microscopy in the Biomedical Sciences XVI
13/02/2016 → 18/02/2016
San Francisco, United States
Activity: Talks and presentations › Conference presentations

33480 High-Tech Entrepreneurship
Period: 4 Jan 2016
Carsten Dam-Hansen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Lecture at DTU course 33480 High-Tech Entrepreneurship

Related event
33480 High-Tech Entrepreneurship
04/01/2016 → 04/01/2017
Kgs. Lyngby, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

2nd Stakeholder Workshop of EMRP ENG62 MESaIL
Period: 26 Nov 2015
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
2nd Stakeholder Workshop of EMRP ENG62 MESaIL
Links:

Related event
2nd Stakeholder Workshop of EMRP ENG62 MESaIL
26/11/2015 → …
Braunschweig, Germany
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Auxiliary correction in goniophotometry, simulation and measurement
Period: 25 Nov 2015
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://div2.cie.co.at/?i_ca_id=974

Related event

CIE Tutorial and Expert Symposium on the CIE S025 LED Lamps, LED Luminaires and LED Modules Test Standard
23/11/2015 → 26/11/2015
Braunschweig, Germany
Activity: Talks and presentations › Conference presentations

DOPS Annual Conference 2015
Period: 19 Nov 2015
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Organisation of the Annual Conference of the Danish Optical Society

Related event

DOPS Annual Conference 2015
19/11/2015 → 20/11/2015
Odense, Denmark
Activity: Attending an event › Participating in or organising a conference

LED teknologi og smarte energibesparelser
Period: 11 Nov 2015
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Documents:
20151029 - KlimaKlar møde om LED 11. november 2015
DSC04257
DSC04255
Links:
http://www.gladsaxe.dk/kommunen/erhverv/miljoe-_klima_og_affald/klima/klimaklar_netvaerk_for_virksomheder (KlimaKlar Netværk for Virksomheder)

Related event

Klimarklar Gladsaxe, møde om belysning
11/11/2015 → …
Søborg, Denmark
Activity: Talks and presentations › Conference presentations

International Commission on Illumination (External organisation)
Period: 23 Oct 2015 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
CIE TC 2-78: The Goniophotometry of Lamps and Luminaires

Terms of reference: To update CIE 121-1996, CIE 070-1987 and the relevant parts of CIE 084-1989 and combine these into the one technical report, incorporating new techniques and the absolute goniophotometry of lamps in their own right.
Body type: Technical Committee
Degree of recognition: International

**Related external organisation**

**International Commission on Illumination**
Babenbergerstraße 9/9A, 1010, Vienna, Austria
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

**Lysets dag**
Period: 30 Sep 2015
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Documents:
LEDMET_Lysets_Dag_webteaser
Links:
http://www.conferencemanager.dk/lysetsdag2015/

**Related event**

**Lysets dag: Lys & Menneske**
30/09/2015 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

**Test og karakteristik af LED-lyskilder og lamper**
Period: 16 Sep 2015
Carsten Dam-Hansen (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Inviteret foredrag ved gå-hjem arrangement om "LED belysning" på DTU Fotonik, Risø for KASER – Efteruddannelsesudvalget
Documents:
Test og karakteristik af LED lyskilder og lamper

**Related external organisation**

**Unknown Organization**
Activity: Talks and presentations › Conference presentations

**SPIE Optics and Photonics 2015**
Period: 11 Aug 2015
Aikaterini Argyraki (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Documents:
SPIE 9556-7 Aikaterini Argyraki_final_09_08_2015
Links:
http://spie.org/OPN/conferencedetails/nanoengineering

**Related event**

**SPIE Optics and Photonics 2015**
09/08/2015 → 13/08/2015
San Diego, CA, United States
Keywords: SiC stamp, polymer, nanostucturing, optical properties, wetting properties
Activity: Talks and presentations › Conference presentations

**SPIE Optics & Photonics**

Maumita Chakrabarti (Speaker)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**

Had a talk on the article called "A color management system for multi-colored LED lighting"

Documents:
abstract
abstract.pdf

**Related event**

14th International Conference on Solid State Lighting and LED-based Illumination Systems:
SPIE Optical Engineering + Applications
09/08/2015 → 13/08/2015
San Diego, United States
Keywords: spectral control
Activity: Talks and presentations › Conference presentations

**SPIE Optics and Photonics 2015**

Aikaterini Argyraki (Speaker)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Related event**

SPIE Optics and Photonics 2015
09/08/2015 → 13/08/2015
San Diego, CA, United States
Keywords: SiC, nanostructuring, optical properties, wetting properties, polymer
Activity: Talks and presentations › Conference presentations

**LED possibilities and challenges**

Period: 3 Aug 2015
Anders Thorseth (Lecturer)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Related event**

Højteknologisk iværksætteri
03/08/2015 → 21/08/2015
Lyngby, Denmark
Activity: Talks and presentations › Conference presentations

**Monte Carlo Analysis of multicolor LED light engine: Proceedings of 28th CIE Session, Manchester, UK**

Period: 3 Jul 2015
Maumita Chakrabarti (Speaker)
A new Monte Carlo simulation as a tool for analysing colour feedback systems is presented here to analyse the colour uncertainties and achievable stability in a multicolour dynamic LED system. The Monte Carlo analysis presented here is based on an experimental investigation of a multicolour LED light engine designed for white tuneable studio lighting. The measured sensitivities to the various factors influencing the colour uncertainty for similar system are incorporated. The method aims to provide uncertainties in the achievable chromaticity coordinates as output over the tuneable range, e.g. expressed in correlated colour temperature (CCT) and chromaticity distance from Planckian locus (Duv), and colour rendering indices (CRIs) for that dynamic system. Data for the uncertainty in chromaticity is analysed in the $u', v'$ (Uniform Chromaticity Scale Diagram) for light output by comparing the variations in chromaticity differences with the “n – step $u' v'$ circles” as defined in CIE TN001:2014.

**Related external organisation**

*Unknown Organization*
Activity: Talks and presentations › Conference presentations

**Goniometric Characterization of LED Based Greenhouse Lighting**
Period: 29 Jun 2015
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:
http://session2015.cie.co.at

**Related event**

*28th Session of the International Commission on Illumination*
29/06/2015 → 04/07/2015
Manchester, United Kingdom
Activity: Talks and presentations › Conference presentations

**Biophotonics 15**
Dominik Marti (Organizer)
Peter E. Andersen (Organizer)
Stefan Anderson-Engels (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:
http://www.biop.dk/Biophotonics15/

**Related event**

*Biophotonics 15: International Graduate Summer School on Biophotonics*
06/06/2015 → 13/06/2015
Ven, Sweden
Activity: Attending an event › Participating in or organising a conference
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Links:
http://www.biop.dk/Biophotonics15/

Related event

Biophotonics 15: International Graduate Summer School on Biophotonics
06/06/2015 → 13/06/2015
Ven, Sweden
Activity: Talks and presentations › Conference presentations

3rd International Conference BioPhotonics 2015
Dominik Marti (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

3rd International Conference BioPhotonics 2015
20/05/2015 → 22/05/2015
Florence, Italy
Activity: Attending an event › Participating in or organising a conference

University of Bern
Dominik Marti (Visiting researcher)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Research Visit: Fluid Inclusion Calculations
Activity: Visiting an external institution › Visiting another research institution

Smart City belysning & applikationer
Period: 19 Mar 2015
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.conferencemanager.dk/ledconf

Related event

Smart City belysning & applikationer
19/03/2015 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

Optical design for multi-colored LED lighting systems for museum lighting application: 3rd European-Asian workshop on Light-Emitting Diodes
Period: 6 Mar 2015
Maumita Chakrabarti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
We have designed a ray traced model of a new lighting system to provide tuneable low color temperature white light with high color rendering and high angular color homogeneity for the museum application.

Lyngby, Denmark

**Related external organisation**
**Unknown Organization**
Activity: Talks and presentations › Conference presentations

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3rd European-Asian workshop on Light-Emitting Diodes
Period: 5 Mar 2015 → 6 Mar 2015
Aikaterini Argyraki (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Development of LED Light Sources for Improved Visualization of Veins: a statistical approach.

**Related event**
3rd European-Asian workshop on Light-Emitting Diodes
05/03/2015 → 06/03/2015
Lyngby, Denmark
Keywords: Vein visibility, LED, Statistics
Activity: Talks and presentations › Conference presentations

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Properties of LED – considering museum lighting
Period: 24 Feb 2015
Carsten Dam-Hansen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Inviteret foredrag på DTU Bibliotek, 24. februar 2015 og online.
Links:
http://www.bibliotek.dtu.dk/Kalender/Arrangement?id=3e4f08a5-d479-4c19-8859-10c56bcefd39 (Link to DTU Library event)

**Related external organisation**
**Unknown Organization**
Activity: Talks and presentations › Conference presentations

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University of St. Andrews
Period: 31 Jan 2015 → 4 Feb 2015
Dominik Marti (Visiting researcher)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Research Visit: Multiphoton Lightsheet Microscopy
Activity: Visiting an external institution › Visiting another research institution
Lys, trivsel og alder
Period: 22 Jan 2015
Aikaterini Argyraki (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Light, well-being and age - how does that work?
Documents:
Projektrapport udkast 14 korrlaest og layout (1)
Links:
http://www.anpdm.com/newsletterweb/43475F437149445E4479474159/4146584B7147445C44734547504171

Related event
Lys, trivsel og alder: Hvordan hænger det sammen?
22/01/2015 → …
Lyngby, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Danish Optical Society Annual Meeting 2014
Period: 13 Nov 2014 → 14 Nov 2014
Dominik Marti (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
Danish Optical Society Annual Meeting 2014
13/11/2014 → 14/11/2014
Denmark
Activity: Attending an event › Participating in or organising a conference

Dansk Optisk Selskabs Årsmøde 2014
Period: 13 Nov 2014 → 14 Nov 2014
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
Dansk Optisk Selskabs Årsmøde 2014
13/11/2014 → 14/11/2014
Roskilde, Denmark
Activity: Attending an event › Participating in or organising a conference

Efficient generation of 509 nm light by sum-frequency mixing between two tapered diode lasers
Period: 13 Nov 2014 → 14 Nov 2014
Ole Bjarlin Jensen (Other)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Poster

Medforfatter
Documents:
Poster DOPS Mahmoud

Related event

Dansk Optisk Selskabs Årsmøde 2014
13/11/2014 → 14/11/2014
Roskilde, Denmark
Activity: Talks and presentations › Conference presentations

Properties of LED – considering museum lighting
Period: 6 Nov 2014 → 7 Nov 2014
Carsten Dam-Hansen (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Inviteret foredrag ved Samlingsforum "Ljus på samlingen", 6.-7. november 2014, Västerbottens museum, Umeå
Documents:
Properties of LED – considering museum lighting

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

DOPS LED Fokusdag
Period: 23 Sep 2014
Ole Bjarlin Jensen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
LED Fokusdag arrangeret af Dansk Optisk Selskab (DOPS)

Related event

DOPS LED Fokusdag
23/09/2014 → …
Roskilde, Denmark
Activity: Attending an event › Participating in or organising a conference

Test og karakterisering af LED lys: Hvilke nye standarder er på vej
Period: 23 Sep 2014
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Foredrag ved Dansk Optisk Selskabs LED Fokusdag afholdt på DTU Risø's Campus.
Documents:
140923 Test og karakterisering af LED lys cadh

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations
Developing a wind and sun powered hybrid streetlamp  
Period: 19 Sep 2014  
Peter Behrensdorff Poulsen (Invited speaker)  
Department of Photonics Engineering  
Diode Lasers and LED Systems  
Links:  
http://www.luciassociation.org/cm-albertslund-copenhagen-programme.html

Related event

City under Microscope: Albertslund Copenhagen Denmark  
17/09/2014 → 20/09/2014  
Albertslund, Denmark  
Activity: Talks and presentations › Conference presentations

Status for standardiseringsarbejdet omkring LED  
Period: 14 Sep 2014  
Carsten Dam-Hansen (Invited speaker)  
Department of Photonics Engineering  
Diode Lasers and LED Systems  
Description  
Inviteret foredrag ved DCL arrangement hos Philips, 14. september 2014

Related external organisation  
Unknown Organization  
Activity: Talks and presentations › Conference presentations

CIE Tutorial and Expert Symposium on Measurement Uncertainties in Photometry and Radiometry for Industry  
Period: 9 Sep 2014 → 10 Sep 2014  
Anders Thorseth (Participant)  
Department of Photonics Engineering  
Diode Lasers and LED Systems  
Description  
CIE offers a one-day tutorial on measurement uncertainty concepts in photometry and radiometry. Invited experts will present lectures from basic concepts to advanced techniques in photometric and colorimetric measurements, aimed at engineers, testing-laboratory staff and researchers in LED and solid state lighting measurement and other fields. Special emphasis is given to applied concepts.

On the following day, a scientific symposium will feature contributed papers.

The event is organized by CIE Division 2. It will be held in conjunction with meetings of several Technical Committees of CIE Division 2 (Sept 9-10, 2014)  
Links:  
http://div2.cie.co.at/?i_ca_id=939 (CIE Tutorial and Expert Symposium on Measurement Uncertainties in Photometry and Radiometry for Industry)

Related event  

CIE Tutorial and Expert Symposium on Measurement Uncertainties in Photometry and Radiometry for Industry  
Vienna, Austria  
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

35th Progress in Electromagnetics Research Symposium  
Period: 26 Aug 2014  
Aikaterini Argyraki (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Development of New LED Light Sources for Improved Visualization of Bio-samples

**Related event**
35th Progress In Electromagnetics Research Symposium  
25/08/2014 → 28/08/2014  
Guangzhou (Canton), China  
Keywords: LED, biosample  
Activity: Talks and presentations › Conference presentations

35th Progress In Electromagnetics Research Symposium  
Ole Bjarlin Jensen (Participant)

Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Future Solid State Lighting Based on Light Emitting Laser Diodes

**Related event**
35th Progress In Electromagnetics Research Symposium  
25/08/2014 → 28/08/2014  
Guangzhou (Canton), China  
Activity: Attending an event › Participating in or organising a conference

International Commission on Illumination (External organisation)  
Period: 25 Jun 2014  
Anders Thorseth (Member)

Diode Lasers and LED Systems
Department of Photonics Engineering

**Description**
CIE TC 2-80: Spectroradiometric measurement of light sources

Terms of reference: To specify current procedures for the spectroradiometry of continuous, line and mixed sources of optical radiation. Such procedures apply to measurements of irradiance, radiance and radiant flux in the near ultraviolet, visible and near infrared regions of the spectrum.

Body type: Technical Committee  
Degree of recognition: International

**Related external organisation**
International Commission on Illumination  
Babenbergerstraße 9/9A, 1010, Vienna, Austria  
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

Energiens Topmøde 2014  
Period: 11 Jun 2014  
Anders Thorseth (Participant)
Energiens Topmøde blev afholdt onsdag den 11. juni 2014.

Related event

Energiens Topmøde 2014: Ny energi Nye muligheder
11/06/2014 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

University of St. Andrews
Period: 18 May 2014 → 21 May 2014
Dominik Marti (Visiting researcher)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Research Visit: Multiphoton Microscopy Comparison
Activity: Visiting an external institution › Visiting another research institution

CIE 2014
Period: 23 Apr 2014 → 26 Apr 2014
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
List of Topics

1 Right Lighting and Energy Efficiency
International energy saving initiatives
National and regional energy saving programs
Cost effectiveness of lighting installations
Ecological footprint of lighting

2 Interior applications
Efficiency and visual perception quality
Day lighting
Visual comfort

3 Exterior applications
Glare
Adaptability
Public acceptance

4 Light and Vision
Mesopic vision
Lighting for the elderly and visually impaired
Colour rendering

5 Photobiological Effects
Circadian photoreception
Circadian responsivity
Photobiological effects of light
Lighting and photobiological safety

6 Photometry and Measurements

Measurement and testing of SSL products with special focus on OLEDs
Luminance measurement with emphasis on imaging measurement devices
Mesopic photometry
Measurements of photobiological effects
Colorimetry

Links:
http://malaysia2014.cie.co.at/ (CIE Malaysia 2014, Conference homepage)

Related event

CIE 2014: Lighting Quality & Energy Efficiency
23/04/2014 → 26/04/2014
Kuala Lumpur, Malaysia
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Museum Lighting and LED
Period: 19 Mar 2014
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Museum Lighting and LED
Links:
http://www.ledconf.dk

Related event

Museum Lighting and LED
19/03/2014 → …
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Kultur-, naturhistorisk og kunstfagligt orienteringsmøde
Period: 15 Nov 2013
Anders Thorseth (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Links:
http://www.dkmuseer.dk/content/kultur-naturhistorisk-og-kunstfagligt-orienteringsm%C3%B8de-0

Related event

Kultur-, naturhistorisk og kunstfagligt orienteringsmøde
14/11/2013 → 16/11/2013
Kolding, Denmark
Activity: Talks and presentations › Conference presentations

SusTrans Workshop "Belysning i omstilling"
Period: 7 Nov 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Related event

SusTrans Workshop "Belysning i omstilling"
07/11/2013 → …
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

CIE Expert Workshop on Advanced Methods for Photometry
Period: 8 Oct 2013 → 9 Oct 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.sdr.si/sl/div2.html

Related event

CIE Expert Workshop on Advanced Methods for Photometry: Measurement Uncertainty in Photometric Testing of SSL products and Sampling Theory in Photometry and Spectroradiometry
08/10/2013 → 09/10/2013
Bled, Slovenia
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

CIE Division 2 Technical Committee Meetings
Period: 7 Oct 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

CIE Division 2 Technical Committee Meetings
07/10/2013 → …
Bled, Slovenia
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

International Commission on Illumination (External organisation)
Period: 26 Sep 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Technical commitee CIE TC 2-51

Terms of reference: To produce a technical report for the calibration of detector array spectroradiometers primarily for the determination of colorimetric and photometric quantities, including performance characteristics, evaluation of these characteristics, calibration methods and guidance in the application of methods for the determination of uncertainty.

Body type: Technical Committee
Degree of recognition: International

Related external organisation

International Commission on Illumination
Babenbergerstraße 9/9A, 1010, Vienna, Austria
39th International Conference on Micro and Nano Engineering
Period: 16 Sep 2013 → 19 Sep 2013
Aikaterini Argyraki (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
39th International Conference on Micro and Nano Engineering
16/09/2013 → 19/09/2013
London, United Kingdom
Activity: Talks and presentations › Conference presentations

Metrology for Efficient and Safe Innovative Lighting (External organisation)
Period: 13 Sep 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Metrology for Efficient and Safe Innovative Lighting

DTU Fotonik is among the stakeholders in the project

Stakeholder
Body type: EMRP Project
Degree of recognition: International

Related external organisation
European Association of National Metrology Institutes
Germany
Activity: Membership › Membership of research networks or expert groups

Light quality and efficiency of solid state lighting products
Period: 12 Sep 2013
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Talk at DTU International Energy Conference 2013 session 4 Efficiency improvements in lighting

Documents:
Light Quality and Efficiency of SSL Products C Dam-Hansen

Links:
http://www.natlab.dtu.dk/Energikonferencer/DTU_International_Energy_Conference_2013/Programme-Presentations/Parallel_session_4/Lighting (Link to the session Efficiency improvements in lighting content)

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

LED belysning nu og i fremtiden ved Carbon20 Netværksmøde om LED belysning
Period: 5 Sep 2013
Anders Thorseth (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.carbon20.dk

Related event

Netværksmøde om LED belysning
05/09/2013 → …
Allerød, Denmark
Activity: Talks and presentations › Conference presentations

Fotonik workshop 2013
Period: 24 Jun 2013
Maumita Chakrabarti (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Poster presentation in DTU, Fotonik workshop 2013.
Documents:
PhD posterpresentation-130624

Related event

Fotonik workshop 2013
24/06/2013 → 25/06/2013
Denmark
Keywords: LED
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Summer course in "Advanced lighting measurement" by Light Research Centre, Renselaer Polytechnic Institute, NY, USA
Period: 14 Jun 2013
Maumita Chakrabarti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
A powerpoint presentation on LED activities of Laser & Diode groups in DTU fotonik department, Denmark.
Documents:
LED activities130614 presented at LRC
Dragon lighting fixture presented at LRC 130613

Related external organisation

Unknown Organization
Keywords: LED
Activity: Talks and presentations › Conference presentations

CIE Centenary Conference
Period: 15 Apr 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Related event
CIE Centenary Conference: Towards a New Century of Light
12/04/2013 → 19/04/2013
Paris, France
Activity: Attending an event › Participating in or organising a conference

LED konference 2013
Period: 20 Mar 2013
Dennis Dan Corell (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
LED konference 2013: LYS SUNDHED & SUNDHEDSVÆSENET
20/03/2013 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

LED konference 2013
Period: 20 Mar 2013
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.lednet.dk

Related event
LED konference 2013: LYS SUNDHED & SUNDHEDSVÆSENET
20/03/2013 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

2nd Annual Workshop on Research and Development of Light-Emitting Diodes
Period: 15 Mar 2013
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
2nd Annual Workshop on Research and Development of Light-Emitting Diodes
15/03/2013 → …
Lyngby, Denmark
Activity: Talks and presentations › Conference presentations

Period: 6 Feb 2013
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
The rapid development in flux and efficiency of Light Emitting Diodes (LED) has resulted in a flooding of the lighting market with Solid State Lighting (SSL) products. Many traditional light sources can advantageously be replaced by these SSL retrofit products. There are however large variations in the quality of the available products, and some are not better
than the ones they are supposed to replace. Here the results of a two year study investigating SSL products on the Danish market are presented. The light sources have been tested for luminous flux and spectral power distribution. Focus has been on SSL products for replacement of incandescent lamps and halogen spotlights. More than 300 SSL replacement lamps have been tested for efficiency and light quality with respect to correlated color temperature and color rendering properties. The warm white light and good color rendering properties of these traditional light sources are a must for lighting in Denmark and the Nordic countries. We compare the test results with the requirements in the EU LED quality charter. and find many products with light inferior light quality and efficiency. The lumen and color maintenance over time has been investigated by non-accelerated lifetime tests and results for products running over 8000 h will be presented. A new internet based SSL product selection tool will be shown. Here the products can be compared on efficiency, light quality parameters and price, thus providing a better basis for the selection of SSL products for consumers.

Related event

02/02/2013 → 07/02/2013
San Francisco, California, United States
Keywords: SSL, LED, Light-Emitting Diodes Energy saving, Retrofit, Lighting
Activity: Talks and presentations › Conference presentations

Nordic Lighting Conference 2012
Period: 22 Nov 2012
Dennis Dan Corell (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
The rapid development in flux and efficiency of Light Emitting Diodes (LED) has resulted in a flooding of the lighting market with Solid State Lighting (SSL) products. Many traditional light sources can advantageously be replaced by SSL products. There are however large variations in the quality of these products, and some are not better than the ones they are supposed to replace. A lack of quality demands and standards makes it difficult for consumers to get an overview of the SSL products. Here the results of a two year study investigating SSL products on the Danish market are presented. Focus has been on SSL products for replacement of incandescent lamps and halogen spotlights. The warm white light and good color rendering properties of these traditional light sources are a must for lighting in Denmark and the Nordic countries. More than 300 SSL replacement lamps have been tested for efficiency and light quality with respect to correlated color temperature and color rendering properties. This shows a trade-off between high color rendering warm white light and energy efficiency. The lumen and color maintenance over time has been investigated and results for products running over 8000 h will be presented. A new internet based SSL product selection tool will be shown. Here the products can be compared on efficiency, light quality parameters and price, thus providing a better basis for the selection of SSL products for consumers.

Related event

Dansk Energi Forum: Forum for energieffektivisering
Period: 14 Nov 2012
Dennis Dan Corell (Invited speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

Dansk Energi Forum: Forum for energieffektivisering
14/11/2012 → 15/11/2012
Vejle, Denmark
Activity: Talks and presentations › Conference presentations
Perspektiver på LED lys og om igangværende projekter
Period: 7 Nov 2012
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
Gå-hjem-møde for Roskilde Håndværkerforening
07/11/2012 → …
Roskilde, Denmark
Activity: Talks and presentations › Conference presentations

Illustrations to the educational site www.lysviden.dk: Chromaticity diagrams
Period: 1 Oct 2012
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://lysviden.dk/grundviden/emne/farvetemperatur/artikler/korreleret-farvetemperatur/ (www.lysviden.dk on correlated color temperature)
Activity: Other

Technical challenges regarding LED lighting in greenhouses
Period: 12 Sep 2012
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://agrotech.dk/arbejdsomraader/aktiviteter-og-kurser/vaekstlys-led-kontra-son-t

Related event
Vaekstlys: LED kontra SON-T
12/09/2012 → …
Odense, Denmark
Activity: Talks and presentations › Conference presentations

Overview of research at DTU Fotonik related to lighting for municipalities
Period: 8 Jun 2012
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www2.cm-evora.pt/mecine/Default.htm (MECINE Network)

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

Meijo-DTU workshop on research and development of light-emitting diodes
Period: 22 Mar 2012
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Program
9:00~9:15
Introduction
Haiyan Ou, DTU
9:15~9:45
LED innovation at DTU Fotonik
Paul Michael Petersen, DTU
9:45~10:15
Physics of fluorescent SiC for white LED application
Prof. Satoshi Kamiyama, Meijo
10:15~10:45
Nitride-based-semiconductors-research at Meijo University
Prof. Motoaki Iwaya, Meijo
10:45~11:15
Coffee break and discussion
11:15~11:45
Observation of GaInN strain relaxation using in situ X-ray diffraction monitoring during metalorganic apour phase epitaxy growth
Dr. Daisuke Iida, Meijo
11:45~12:15
Diffractive effects of periodic plasmonic structures on the light emitting diode
Yuntian Chen, DTU
12:15~13:15
Lunch
13:15~13:45
Nanostructuring on fluorescent SiC for the luminescence enhancement
Yiyu Ou, DTU
13:45~14:15
Characterization and optimization of LED systems
Anders Thorseth, DTU
14:15~14:45
Spectral design flexibility of LEDs bring better life
Haiyan Ou, DTU
14:45~15:15
Coffee break and discussion
15:15~17:00
Lab and cleanroom tour

Related external organisation

Technical University of Denmark
2800, Kgs. Lyngby, Denmark
Activity: Other

LED Udendørsbelysning 2012
Period: 20 Mar 2012
Anders Thorseth (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://lednet.dk/index.php?option=com_content&view=article&id=51&Itemid=63 (Conference program)

Related event

LED Udendørsbelysning 2012
20/04/2012 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference
LED Udendørsbelysning 2012
Period: 20 Mar 2012
Dennis Dan Corell (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event
LED Udendørsbelysning 2012
20/04/2012 → …
København, Denmark
Activity: Attending an event › Participating in or organising a conference

Photonics West 2012
Period: 22 Jan 2012
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Introduction to Lens Design

Related event
Photonics West 2012
20/01/2012 → 28/01/2012
San Francisco, CA, United States
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LED forskning og test laboratorier: Ved Dansk Lys – China Club arrangement
Period: 18 Jan 2012
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Risø Campus

Related organisation
LED forskning og test laboratorier: Ved Dansk Lys – China Club arrangement
Carsten Dam-Hansen (Speaker)
18 Jan 2012
Activity: Other

Period: 11 Jan 2012
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
An automated setup has been developed for spectral radiometric characterization of LED components with precise control of the settings of forward current and operating temperature. The automated setup has been used to characterize commercial LED components with respect to multiple settings. It is shown that the droop in quantum efficiency can be approximated by a simple parabolic function. The investigated models of the spectral power distributions (SPD) from LEDs are the strictly empirical single and double Gaussian functions, and a semi empirical model using quasi Fermi levels and other basic solid state principles. The models are fitted to measured SPDs, using the free parameters. The result show a
high correlation between the measured LED SPD and the fitted models. When comparing the chromaticity of the measured SPD with fitted models, the deviation is found to be larger than the lower limit of human color perception. A method has been developed to optimize multicolored cluster LED systems with respect to light quality, using multi objective optimization.

The results are simulated SPDs similar to traditional light sources, and with high light quality. As part of this work the techniques have been applied in practical illumination applications. The presented examples are historical artifacts and illumination of plants to increase photosynthesis.

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

SSL and the changed situation for lighting conditions
Marc Fontoynont (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

LED giver helt nye muligheder
Period: 22 Nov 2011
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

LED giver helt nye muligheder: Lys som forbedrer sundhed & trivsel i hospitalssektoren - Konference og workshop
Bella Sky Comwell
Activity: Talks and presentations › Conference presentations

Nyt LED system til udstillingsmontre
Period: 15 Nov 2011 → 16 Nov 2011
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Forum for energieffektivisering, Hindsgavl, Middelfart

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

Euroluce 2011 International Lighting Exhibition
Period: 12 Apr 2011 → 17 Apr 2011
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Euroluce 2011

Related event
Euroluce 2011 International Lighting Exhibition
12/04/2011 → 17/04/2011
Milano, Italy
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

Danish national CIE committee (External organisation)
Period: 1 Jan 2011 → …
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
As member of the Danish mirror commitee under Danish Center for light, responsible for Division 2 Measurement of light and radiation
Degree of recognition: International

Related external organisation
Danish national CIE committee
Denmark
Activity: Membership › Membership of commitees, commissions, boards, councils, associations, organisations, or similar

IEA SSL Annex (External organisation)
Period: 1 Jan 2011 → 31 Dec 2019
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
IEAs 4E Solid state lighting Annex

Representative for Denmark, as expert on Solid state lighting and photometry
Degree of recognition: International

Related external organisation
International Energy Agency - Energy Efficient End-Use Equipment
France
Activity: Membership › Membership of commitees, commissions, boards, councils, associations, organisations, or similar

Solceller i nye anvendelser – små energibesparelser med stor effekt,
Period: 21 Jun 2010
Peter Behrensdorff Poulsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Ingeniørhuset, Kalvebod Brygge 31-33, 1780 København V

Related external organisation
LED teknologi – baggrund og muligheder
Period: 1 Jun 2010
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

Implementering af energibesparelser ved benyttelse af højkvalitets LED belysning
Period: 27 May 2010
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

CPH Copenhagen Airports
Denmark
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

LED til belysning
Period: 18 Mar 2010
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

VIA University College. Campus Horsens
Chr M Østergaards Vej 4, 8700, Horsens, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Energy efficient and high quality LED illumination in display cases: New lighting – New LEDs
Period: 16 Mar 2010 → 17 Mar 2010
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Stockholm, Sweden

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

Energy efficient and high quality LED illumination in display cases: New lighting – New LEDs
Period: 16 Mar 2010 → 17 Mar 2010
Anders Thorseth (Speaker)
Energy efficient and high quality LED illumination in display cases: New lighting – New LEDs
Period: 16 Mar 2010 → 17 Mar 2010
Peter Behrens dorff Poulsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Place: Stockholm, Sweden
Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

LED for general illumination
Period: 15 Mar 2010
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Place: DTU BYG
Related external organisation
Technical University of Denmark
2800, Kgs. Lyngby, Denmark
Activity: Other

LED Lighting: Research and development - Opportunities and challenges today and tomorrow
Period: 12 Jan 2010
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

11126 Lighting Systems in Buildings
04/01/2010 → 20/04/2012
Lyngby, Denmark
Activity: Talks and presentations › Conference presentations

Fra idé til LED system: LED - Fotometri og valg af LED og driver
Period: 3 Dec 2009 → 4 Dec 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Place: Ingeniørhuset, København, DK

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Birgitte Thestrup Nielsen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.lednet.dk (REL-OA)

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Paul Michael Petersen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.lednet.dk (REL-OA)

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Peter Behrensdorff Poulsen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.lednet.dk (REL-OA)

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Carsten Dam-Hansen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://www.lednet.dk (REL-OA)

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Optics and Plasma Research Department
Laser Systems and Optical Materials
Links:

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising a conference

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Peter Behrensdorff Poulsen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://lednet.dk/index.php?option=com_content&view=article&id=46&Itemid=55 (REL-OA)

Related event

LED - fremtidens belysning
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**LED - fremtidens belysning**
*Period: 3 Dec 2009 → 4 Dec 2009*
Paul Michael Petersen (Chairman)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
LED: - fremtidens belysning

Place: Ingeniørhuset, Kalvebods Brygge, København
Degree of recognition: National

Links:
http://lednet.dk/index.php?option=com_content&view=article&id=46&Itemid=55 (REL-OA)

**Related event**

**LED - fremtidens belysning**
03/12/2009 → 04/12/2009
København, Denmark
Activity: Attending an event › Participating in or organising a conference

**LED - fremtidens belysning**
*Period: 3 Dec 2009 → 4 Dec 2009*
Birgitte Thstrup Nielsen (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering

**Related event**

**LED - fremtidens belysning**
03/12/2009 → 04/12/2009
København, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

**LED: - fremtidens belysning**
*Period: 3 Dec 2009 → 4 Dec 2009*
Birgitte Thstrup Nielsen (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering

**Description**
Place: Ingeniørhuset, Kalvebods Brygge, København

Links:
http://lednet.dk/index.php?option=com_content&view=article&id=46&Itemid=55 (REL-OA)

**Related external organisation**

**Ingeniørhuset**
Denmark
Activity: Talks and presentations › Talks and presentations in private or public companies and organisations

**LED: - fremtidens belysning**
*Period: 3 Dec 2009 → 4 Dec 2009*
Carsten Dam-Hansen (Consultant)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Ingeniørhuset, Kalvebods Brygge, København

**Related external organisation**
Ingeniørhuset
Denmark
Activity: Public and private sector consultancy › Consultancy

**LED - fremtidens belysning: LED optiske systemer**
Period: 3 Dec 2009
Birgitte Thestrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Copenhagen, Denmark

**Related external organisation**
Unknown Organization
Activity: Talks and presentations › Conference presentations

**Workshop - Fra idé til LED system: LED-Optik**
Period: 3 Dec 2009 → 4 Dec 2009
Birgitte Thestrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Ingeniørhuset, København, DK

**Related external organisation**
Unknown Organization
Activity: Talks and presentations › Conference presentations

**Workshop - Fra idé til LED system: LED - Termisk design**
Period: 3 Dec 2009 → 4 Dec 2009
Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Ingeniørhuset, København, DK

**Related external organisation**
Unknown Organization
Activity: Talks and presentations › Conference presentations
Workshop - Fra idé til LED system: LED - Test og karakterisering
Period: 3 Dec 2009 → 4 Dec 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Ingeniørhuset, København, DK

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

Kulturhistorisk orienteringsmøde: konserveringsfaglig orientering
Period: 12 Nov 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Fuglsøcentret, Mols, Denmark

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

Diode laser systemer og LED systemer
Period: 6 Nov 2009
Birgitte Thstrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Risø DTU, Roskilde, Denmark

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

Nye funktionelle LED lysystemer
Period: 2 Nov 2009
Birgitte Thstrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: Odense, Denmark

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations
A delegation of professors, press reporters and the president from KAIST, the Korea Advanced Institute of Science and Technology, visited DTU on October 26. on their Technical tour to Europe. In a workshop Prof. Kyung Cheol Choi gave a talk on “Perspective of emissive flexible and transparent display technology” while Carsten Dam-Hansen and Beata Kardynal gave a talk on ”LED research at DTU Fotonik”. About 30 people attended the workshop.

Place: KAIST DTU, Lyngby

Related external organisation

Unknown Organization
Activity: Talks and presentations › Conference presentations

KFUM Klimakup 2009
Peter Behrensdrorff Poulsen (Participant)

Risø National Laboratory for Sustainable Energy
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

KFUM Klimakup 2009
10/08/2009 → 16/08/2009
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

KFUM Klimakup 2009
Carsten Dam-Hansen (Participant)

Optics and Plasma Research Department
Laser Systems and Optical Materials
Risø National Laboratory for Sustainable Energy
Department of Photonics Engineering
Diode Lasers and LED Systems

**Related event**

**KFUM Klimakup 2009**
10/08/2009 → 16/08/2009
Copenhagen, Denmark
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

**LED til general belysning**
Period: 13 May 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Riegens A/S, Odense

**Related external organisation**
**Unknown Organization**
Activity: Talks and presentations › Conference presentations

**Nyeste LED: armaturer og lyskilder**
Period: 11 May 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Energitjenesten Nordjylland, Ingeniørhuset, Aalborg

**Related external organisation**
**Unknown Organization**
Activity: Talks and presentations › Conference presentations

**Forskningens døgn: LED teknologi**
Period: 24 Apr 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Place: Roskilde Museum

**Related external organisation**
**Unknown Organization**
Activity: Talks and presentations › Conference presentations

**Electromagnetism (EM1): Laboratory exercises, bachelor level**
Period: 23 Apr 2009 → 15 Jun 2009
Anders Thorseth (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Links:
http://sis.ku.dk/kurser/viskursus.aspx?knr=131043

Related external organisation
Niels Bohr Institute
Copenhagen, Denmark
Activity: Talks and presentations › Guest lectures, external teaching and course activities at other universities

Inspirationsdag for Copenhagen Capacity, Invest in Denmark og Tectra: høj-brilliante diodelasersystemer og høj-kvalitets LED lyssystemer
Period: 25 Mar 2009
Birgitte Thstrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: DTU Fotonik, Risø Campus

Related external organisation
Unknown Organization
Activity: Talks and presentations › Conference presentations

Forskellige lasertyper og diodelaseren: Energiteknologier på vej - Besøg af Frederiksborg Gymnasium v. Gert Schmacker
Period: 20 Mar 2009
Birgitte Thstrup Nielsen (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Place: DTU Fotonik, Risø Campus
(Course lecturer)

Related external organisation
Frederiksborg Gymnasium
Denmark
Activity: Other

Foreign research institution
Period: 1 Feb 2008 → 1 Jun 2008
Anders Thorseth (Visiting researcher)
Optics and Plasma Research Department
Laser Systems and Optical Materials
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
Ph.D. student visit at foreign research institution
Activity: Visiting an external institution › Visiting another research institution

Lysets Dage
Period: 12 Sep 2007 → 13 Sep 2007
Anders Thorseth (Participant)
Optics and Plasma Research Department
Laser Systems and Optical Materials
Department of Photonics Engineering
Diode Lasers and LED Systems

Related event

Lysets Dage
12/09/2008 → 13/09/2008
København, Denmark
Activity: Attending an event › Participating in or organising a conference

EuroLED 2007
Period: 4 Jun 2007 → 8 Jun 2007
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Optics and Plasma Research Department
Laser Systems and Optical Materials

Related event

EuroLED 2007
04/06/2007 → 08/06/2007
Birmingham, United Kingdom
Activity: Attending an event › Participating in or organising a conference