Diode Lasers and LED Systems - Activities - DTU Orbit (05/08/2018)

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

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

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

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 (CIE)
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

CIE TC 2-89 Measurement of Temporal Light Modulation of Light Sources and Lighting Systems (External organisation)
Period: 1 Apr 2018 → …
Anders Thorseth (Member)
Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International

Related external organisation
CIE TC 2-89 Measurement of Temporal Light Modulation of Light Sources and Lighting Systems
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.

Outdoor Electroluminescence Acquisition Using a Movable Testbed
Period: 28 Feb 2018
Gisele Alves dos Reis Benatto (Guest lecturer)
Nicholas Riedel (Other)
Adrian Alejo Santamaria Lancia (Other)
Sune Thorsteinsson (Other)
Peter Behrensdorff Poulsen (Other)
Anders Thorseth (Other)
Carsten Dam-Hansen (Other)
Claire Mantel (Other)
Søren Forchhammer (Other)
Kenn H. B. Frederiksen (Other)
Jan Vedde (Other)
Michael Larsen (Other)
Henrik Voss (Other)
Harsh Parikh (Other)
Sergiu Spataru (Other)
Dezso Sera (Other)
Electroluminescence (EL) imaging can be used to quickly and accurately detect a large range of major and minor faults in PV modules. For EL inspections of PV power plants, the fastest scenario will include a drone based image acquisition in continuous movement. With this motivation, in this work we investigate the quality of EL images acquired under different movement speeds and frame rate scenarios.

**Degree of recognition:** International

**Documents:**
Poster - NREL PVRW 2018_final_compressed

**Related external organisation**
National Renewable Energy Laboratory
United States
Activity: Talks and presentations › Conference presentations

**SPIE Photonics West 2018**
Period: 27 Jan 2018 → 1 Feb 2018
Dominik Marti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
Simple fibre based dispersion management for two-photon fluorescence imaging

**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)
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
Sydney, Australia
Activity: Attending an event › Participating in or organising workshops, courses, seminars etc.

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
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 (CIE)
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
**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 Tawfiq (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)
Thomas Bjarnsholt (Other)
Lars Bjerrndal (Other)

Department of Photonics Engineering
Diode Lasers and LED Systems
Degree of recognition: International
Documents:
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 → …
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 Tarekegn (Guest lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Related external organisation

OSA
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: Research › Peer review of manuscripts

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
I E E E 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
I E E E Transactions on Industrial Electronics
0278-0046

Central database
Activity: Research › Peer review of manuscripts

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
Related event

IEA 4E SSL Annex's 14th Expert Meeting
03/05/2017 → 05/05/2017
Stockholm, Sweden
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 Wubiset 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  
BFI (2018): BFI-level 1, Scopus rating (2017): CiteScore 1.24 SJR 0.66 SNIP 1.157, ISI indexed (2013): ISI indexed yes,  
Web of Science (2018): Indexed yes  
Central database  
Activity: Research › Peer review of manuscripts

**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 Bjarlii 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**  
Barsgade 4, 1215, København K, Denmark  
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 external organisation**  
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

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.

CIE TC 2-85: Recommendation on the geometrical parameters for the measurement of the Bidirectional Reflectance Distribution Function (BRDF) (External organisation)
Period: 10 Aug 2016 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
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

CIE TC 2-85: Recommendation on the geometrical parameters for the measurement of the Bidirectional Reflectance Distribution Function (BRDF)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

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

CIE TC 2-79: Integrating Sphere Photometry and Spectroradiometry (External organisation)
Period: 6 Apr 2016 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
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

CIE TC 2-79: Integrating Sphere Photometry and Spectroradiometry
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

Related event

SPIE Photonics Europe 2016: Biophotonics: Photonic Solutions for Better Health Care
03/04/2016 → 07/04/2016
Brussels, Belgium
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
Diode Lasers and LED Systems

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

Related event

MedTech Innovation
08/03/2016 → …
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

Annual meeting of CIE Division 2 "Physical Measurement of Light and Radiation"
07/03/2016 → …
Melbourne, Australia
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
CIE Lighting Quality & Energy Efficiency Conference
03/03/2016 → 09/03/2016
Melbourne, Australia
Activity: Talks and presentations › Conference presentations

SPIE Photonics West 2016
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
2nd Stakeholder Workshop of EMRP ENG62 MESaIL

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
http://div2.cie.co.at/?i_ca_id=974

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

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

CIE TC 2-78: The Goniophotometry of Lamps and Luminaires (External organisation)
Period: 23 Oct 2015 → …
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
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

CIE TC 2-78: The Goniophotometry of Lamps and Luminaires
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 external organisation
Activity: Talks and presentations › Conference presentations
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  
Period: 11 Aug 2015  
Aikaterini Argyraki (Speaker)

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

SPIE Optics & Photonics  
Maumita Chakrabarti (Speaker)

Aikaterini Argyraki (Speaker)  
Department of Photonics Engineering  
Diode Lasers and LED Systems

Related event

LED possibilities and challenges  
Period: 3 Aug 2015  
Anders Thorseth (Lecturer)  
Department of Photonics Engineering  
Diode Lasers and LED Systems  
Links:  
http://www.kurser.dtu.dk/courses/33480/default.aspx
Monte Carlo Analysis of multicolor LED light engine: Proceedings of 28th CIE Session, Manchester, UK

Period: 3 Jul 2015

Maumita Chakrabarti (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**

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.

Goniometric Characterization of LED Based Greenhouse Lighting

Period: 29 Jun 2015

Anders Thorseth (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**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

**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

**Biophotonics 15: International Graduate Summer School on Biophotonics**
Dominik Marti (Speaker)
Peter E. Andersen (Speaker)
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 → …
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 external organisation

Activity: Talks and presentations › Conference presentations

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

Activity: Talks and presentations › Conference presentations

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 external organisation

Activity: Talks and presentations › Conference presentations

University of St. Andrews

Period: 31 Jan 2015 → 4 Feb 2015

Dominik Marti (Visiting researcher)
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)

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)

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)

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)
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

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

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
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 external organisation
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)
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

Documents:
140416100813_abstract

Related event
35th Progress In Electromagnetics Research Symposium
25/08/2014 → 28/08/2014
Guangzhou (Canton), China
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

Documents:
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

CIE TC 2-80: Spectroradiometric measurement of light sources (External organisation)
Period: 25 Jun 2014
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
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
CIE TC 2-80: Spectroradiometric measurement of light sources
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar
Energiens Topmøde 2014
Period: 11 Jun 2014
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

Description
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
Links:
http://www.sustrans.dk/

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.

CIE TC 2-51: Calibration, Characterisation and Use of Array Spectroradiometers (External organisation)
Period: 26 Sep 2013
Anders Thorseth (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
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**

**CIE TC 2-51: Calibration, Characterisation and Use of Array Spectroradiometers**
*Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar*

**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**
*Period: 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**
DTU Fotonik is among the stakeholders in the project

**Stakeholder**
Body type: EMRP Project
Degree of recognition: International

**Related external organisation**

**Metrology for Efficient and Safe Innovative Lighting**
*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 external organisation**
*Activity: Talks and presentations › Conference presentations*

**LED belysning nu 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
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 external organisation
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
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
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

Nordic Lighting Conference 2012
21/11/2012 → 23/11/2012
Oslo, Norway
Activity: Talks and presentations › Conference presentations

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**

**Vækstlys: 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 external organisation**
Activity: Talks and presentations › Conference presentations

**Meijio-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

DTU Fotonik
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)
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 external organisation**
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 external organisation**
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 hospitalsektoren - 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 external organisation**
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 committe 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
IEA SSL Annex
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 Behrensdrorf Poulsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Place: Ingeniørhuset, Kalvebod Brygge 31-33, 1780 København V
Related external organisation
Unknown external organisation
Activity: Talks and presentations › Conference presentations
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
Unknown external organisation
Activity: Talks and presentations › Conference presentations

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 external organisation
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)
Department of Photonics Engineering
Diode Lasers and LED Systems
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

LED for general illumination
Period: 15 Mar 2010
Carsten Dam-Hansen (Participant)
Department of Photonics Engineering
Diode Lasers and LED Systems

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 external organisation
Activity: Talks and presentations › Conference presentations

LED - fremtidens belysning
Period: 3 Dec 2009 → 4 Dec 2009
Birgitte Thstrup 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 Behrens Dorff Poulsen (Organizer)
Department of Photonics Engineering
Diode Lasers and LED Systems
Related event

**LED - fremtidens belysning**

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

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**

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

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**

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

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

Related external organisation

Ingeniørhuset, Danmark
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 external organisation
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 external organisation
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 external organisation
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 external organisation
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 external organisation
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 external organisation
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 external organisation
Activity: Talks and presentations › Conference presentations

LED research at DTU Fotonik
Period: 26 Oct 2009
Carsten Dam-Hansen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems

**Description**
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 external organisation**
Activity: Talks and presentations › Conference presentations

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LED research at DTU Fotonik

**Period:** 26 Oct 2009

Beata Kardynal (Speaker)

Department of Photonics Engineering

Diode Lasers and LED Systems

**Description**
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 external organisation**
Activity: Talks and presentations › Conference presentations

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**KFUM Klimakup 2009**

**Period:** 10 Aug 2009 → 16 Aug 2009

Peter Behrensforff 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.

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**KFUM Klimakup 2009**

**Period:** 10 Aug 2009 → 16 Aug 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**
LED til generel 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 external organisation
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 external organisation
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 external organisation
Activity: Talks and presentations › Conference presentations

Electromagnetism (EM1): Laboratory exercises, bachelor level
Period: 23 Apr 2009 → 15 Jun 2009
Anders Thorsøe (Lecturer)
Department of Photonics Engineering
Diode Lasers and LED Systems

Links:
http://sis.ku.dk/kurser/viskursus.aspx?knr=131043

Related external organisation
Inspirationdag for Copenhagen Capacity, Invest in Denmark og Tectra: høj-brilliante diodelasersystemer og høj-kvalitets LED lysystemer
Period: 25 Mar 2009
Birgitte Thestrup Nielsen (Speaker)
Department of Photonics Engineering
Diode Lasers and LED Systems
Description
Place: DTU Fotonik, Risø Campus
Related external organisation
Unknown external organisation
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 Thestrup Nielsen (Lecturer)
Diode Lasers and LED Systems
Department of Photonics Engineering
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