



# International Conference on Perceptions, Costs and the Governance of Urban Lighting and Light Pollution

# THE BRIGHT SIDE OF NIGHT

Despite the largely positive connotations associated with lighting and its multiple cultural and social functions, the use of artificial light in public spaces was – and is – neither universal nor uncontested. Negative impacts on humans and animals, on the aesthetic qualities of town- and landscapes as well as the ecological aftermath of energy consumption have been discussed from early on – recently culminating in growing criticism concerning “light pollution”. So far, there are only few general standards or regulations regarding the quantity and quality of outdoor lighting. This is not surprising, as artificial lighting is a highly complex field that involves multiple interests and actors – and empirical research on the topic has only begun in recent years. In order to address the multi-faceted issue of artificial lighting adequately, we need to consider the historical, cultural, socio-political, environmental and economic dimensions of light in an integrated fashion.

The conference will focus on the humanities and the social sciences including history, literature and arts, geography, urban planning, politics and economics and will discuss various aspects and research approaches concerning lighting and light pollution. The four conference panels will each highlight a different approach:

- perceptions of artificial lighting,
- functions and infrastructural provision of artificial lighting as well as lighting practices,
- lighting conflicts and the governance of outdoor lighting,
- methods and research approaches for the assessment of perceptions and costs of artificial lighting, light pollution and the night sky.

#### ORGANISED BY

LEIBNIZ INSTITUTE FOR REGIONAL DEVELOPMENT AND STRUCTURAL PLANNING ERKNER (IRS) AND TU BERLIN, DEPARTMENT OF URBAN AND REGIONAL PLANNING (ISR) WITHIN THE RESEARCH PROJECT „LOSS OF THE NIGHT“

#### DATE

June 20-21, 2013

#### VENUE

The conference is held at Leibniz Institute for Regional Development and Structural Planning (IRS) Flakenstraße 28-31, Erkner, Germany just a jump away from Berlin

#### REGISTRATION DEADLINE & FEE

Early Bird: April 31 – 85 Euro

Regular: June 20 – 100 Euro

Reduced Fee for Students: 40/50 Euro

[www.verlustdernacht.de/brightnight2013.html](http://www.verlustdernacht.de/brightnight2013.html)

#### CONFERENCE OFFICE

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**LOSS**  
of the  
**NIGHT**



[WWW.VERLUSTDERNACHT.DE/  
BRIGHTNIGHT2013.html](http://WWW.VERLUSTDERNACHT.DE/BRIGHTNIGHT2013.html)

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# CONFERENCE AGENDA

## OPENING

10:00-10:30

## PANEL 1

### MORNING SESSION

10:30-13:30

Welcome | *tba (German Federal Ministry of Education and Research)*  
Urban Lightmares – An Introduction | *Timothy Moss (IRS Erkner)*

## ...AND THERE WAS LIGHT

### Out of the Dark: A Brief History of Artificial Light in Outdoor Spaces

*Jane Brox (Maine, USA)*

### From Shakespearean Nights to Light Pollution – (Artificial) Light in Fiction

*Susanne Bach, Folkert Degenring (University of Kassel, Germany)*

### Configuring Light: Lighting Designers and the Staging of Urban Life

*Don Slater (London School of Economics and Political Science, UK)*

Commentator: Beate Binder (Humboldt-Universität Berlin, Germany)

## PANEL 2

### AFTERNOON SESSION

14:30-17:30

## LIGHTING UP THE CITY

### Critical Reflections on the Functions of Artificial Outdoor Lighting

*Katharina Krause (IRS Erkner)*

### Lighting Master Plans – Status Quo, Possibilities and Limitations

*Dennis Köhler (Fachhochschule Dortmund/Lichtforum NRW, Germany)*

### The Aesthetics, Social and Cultural Effects of Festivals of Illumination:

#### Contrasting Transformations of Space and Place by Lighting

*Tim Edensor (Manchester Metropolitan University, UK)*

### The Transformation of American Urban Space: Early Electric Lighting, 1875-1915

*David Nye (University of Southern Denmark, Odense, Denmark)*

Commentator: Nona Schulte-Römer (Wissenschaftszentrum Berlin für Sozialforschung, Germany)

## CONFERENCE RECEPTION

18:00



## OPENING

9:15-9:30

## PANEL 3

### MORNING SESSION

9:30-12:30

Introduction | *Dietrich Henckel (TU Berlin ISR)*

## THE DARK SIDE OF LIGHT: LIGHTING CONFLICTS AND REGULATION

### Lighting Conflicts from a Historical Perspective

*Ute Hasenöhr (IRS Erkner)*

### The Governance of Urban Artificial Outdoor Lighting

*Katharina Krause (IRS Erkner)*

### Regulating Light Pollution in Europe

*Martin Morgan-Taylor (DeMontfort University Leicester, UK)*

### Protecting the Night Sky

*Josiane Meier (TU Berlin ISR)*

Commentator: Andreas Hänel (Planetarium, Museum am Schölerberg, Osnabrück, Germany)

## PANEL 4

### AFTERNOON SESSION

13:30-16:30

## VALUATING AND EVALUATING LIGHT AND DARKNESS

### The Economics of Night-Time Illumination

*Merle Pottharst, Florian Wukovitsch, Benjamin Könecke (TU Berlin ISR)*

### Valuation of Light and Night

*Anja Besecke, Robert Hänsch (TU Berlin ISR)*

### Improved Visibility of the Night Sky: An Economic Analysis

*Kenneth Willis (University of Newcastle, UK)*

### The Value of the Night Sky

*Terrel Gallaway (Missouri State University, Springfield, USA)*

Commentator: Lucas Porsch (Ecologic Institute, Berlin, Germany)

## WRAP-UP

UNTIL 18:00

## TOWARDS A BRIGHTER FUTURE?

*Timothy Moss (IRS Erkner), Dietrich Henckel (TU Berlin ISR)*

THURSDAY, JUNE 20, 2013

FRIDAY, JUNE 21, 2013