



International Commission on Illumination
Commission Internationale de l'Éclairage
Internationale Beleuchtungskommission



DANISH BUILDING RESEARCH INSTITUTE
AALBORG UNIVERSITY COPENHAGEN

CIE Expert Workshop on Research Methods for Human Factors in Lighting 12-14 August 2018 Aalborg University Copenhagen, Denmark

PROGRAMME

Sunday 12 August 2018

VILLUM Window Collection, Maskinvej 4, 2860 Søborg, Denmark

17.00 Welcome reception hosted by VELUX AIS

Monday 13 August 2018

The Conference Hall, Aalborg University Copenhagen (AAU CPH)

8.30 Registration and coffee

Session 1: Planning

Chairperson: Professor Werner Osterhaus (email: Werner.Osterhaus@eng.au.dk)

9.00 Critical Analysis of a Research Paper

Dr. Bob Davis, Pacific Northwest National Laboratory

9.30 The Role of Theory in Lighting Research

Professor Yvonne de Kort, Technische Universiteit Eindhoven

10.00 Ethical Considerations for Applied Lighting Research

Dr. Jennifer Veitch, National Research Council of Canada

10.30 Workshop

12.30 Lunch

Session 2: What and how to measure

Chairperson: Professor Marc Fontoynt (email: mfo@sbi.aau.dk)

13.30 Choosing and Defining Variables for Lighting Experiments

Professor Kevin Houser, Pennsylvania State University

14.00 How to Measure the Visual Stimulus

Professor Myriam Aries, Jönköping University

14.30 Methods for Assessing Daylighting Performance Metrics in Real Building Case Studies

Professor Werner Osterhaus, Aarhus University

15.00 Quantifying Photobiological and Photochemical Effects

Dr. Peter Blattner, University of Neuchâtel

15.30 Coffee

16.00 Workshop

17.30 End of today's programme

Programme for 14 August on the next page



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STATENS BYGGEFORSKNINGSINSTITUT
AALBORG UNIVERSITET KØBENHAVN

Tuesday 14 August 2018

The Conference Hall, Aalborg University Copenhagen (AAU CPH)

8.30	Registration and coffee
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Session 3: Measuring perception and performance in the lab and field studies	
<i>Chairperson: Professor Steve Fotios (email: steve.fotios@sheffield.ac.uk)</i>	

9.00	Drawing Causal Inferences in Applied Lighting Research: Threats to Validity <i>Dr. Jennifer Veitch, National Research Council of Canada</i>
9.30	Miss-use of Category Rating Scales (continuing TC 1.80) <i>Professor Steve Fotios, University of Sheffield</i>
10.00	Good Statistical Practices in Human Factors Lighting Research <i>Dr. Jim Uttley, The University of Sheffield</i>
10.30	Workshop
12.30	Lunch

Session 4: Post experiment	
<i>Chairperson: Professor Kevin Houser (email: khouser@engr.psu.edu)</i>	

13.30	What to Report? Details of Experimental Apparatus and Procedure to Enable Repetition <i>Dr. Martine Knoop, Technische Universität Berlin</i>
14.00	How to Write a Good Paper <i>Professor Emeritus Peter Boyce, Rensselaer Polytechnic Institute</i>
14.30	Workshop
15.30	Coffee
16.00	Plenary discussion
17.30	End of today's programme

* Titles can be subject for change