



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



DANISH BUILDING RESEARCH INSTITUTE  
AALBORG UNIVERSITY COPENHAGEN

**CIE Expert Tutorial and 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*

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17.00 **Welcome reception hosted by VELUX A/S**

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**Monday 13 August 2018**

*The Conference Hall, Aalborg University Copenhagen (AAU CPH)*

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8.30 **Registration and coffee**

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**Session 1: Planning**

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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**

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**Session 2: What and how to measure**

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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 and poster session**

16.00 **Workshop**

17.30 **End of today's programme**

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*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)*

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8.30	Registration and coffee
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Session 3: Measuring perception and performance in the lab and field studies	
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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
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Session 4: Post experiment	
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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 and poster session
16.00	Plenary discussion
17.30	End of today's programme

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\* Titles can be subject for change