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## **Performative methods in the design of architectural lighting**

Søndergaard, Karin

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# Design of Space and Performance

Nordcode seminar

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Roskilde University, Denmark

## Performative Methods in the Design of Architectural Lighting



Karin Søndergaard  
Associate professor, PhD  
Institute of Technology  
The Royal Academy of Fine Arts  
School of Architecture  
Denmark

# Performative Methods in the Design of Architectural Lighting

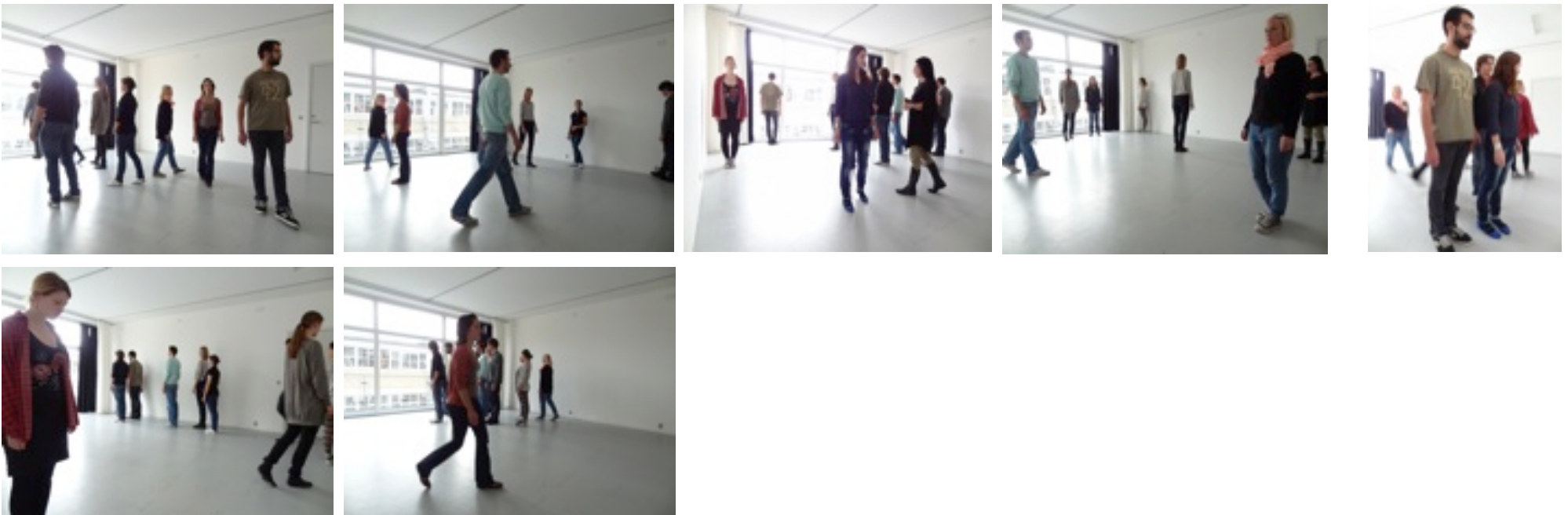
- According to the Danish architect and former professor at the School of Architecture, Steen Eiler Rasmussen, - 'Architecture, ... not merely to be seen from the outside. The architect is a sort of theatrical producer, the man who plans the settings of our lives ... He sets the stage for a long, slowmoving performance which must be adaptable enough to accommodate unforeseen improvisations' (in Rasmussen, S.E., 1959 *Experiencing Architecture* pp10-12)
- As an opposition to the dominance of a visual culture, in his book *The Eyes of the Skin*, the Finish architect Juhani Pallasmaa point out the complexity of our much larger perceptive capacities, and he suggests a much broader perspective in the research on spatial questions (Pallasmaa, Juhani, 2005, *The Eyes of the Skin; Architecture and the senses*)
- The Danish theorist on architectonic matters, Marianne Krog Jensen, shares these concerns in her article *Space Unfolded*, taking even a further step by arguing that 'architecture is a cultural action ..... We no longer asks what architecture is; we ask what it does. Space is something that unfolds; it is defined through movement, action and creation'. (Her article is from the book *entitled How architecture shapes behaviour – mind your behaviour*, 2010, Kim Herforth 3xN & Kent Martinussen DAC (eds) )

# Performative Methods in the Design of Architectural Lighting

- How to develop a methodological approach that facilitate a more holistic experiential position ... in education as well as in research ....
- The field of Theatre Anthropology offers some very useful terms to contextualise investigations from experiential accounts ..... 'pre-expressive capacities', 'daily state', 'extra daily state' ... (see: Barba, Eugenio & Savarese, Nicola, 1995, The secret art of the performer )
- Psycophysical exercises, - techniques developed as training systems in the daily praxis of the performer ... facilitate methods 'in order to cultivate ...inner awareness toward a heightened ... state of engagement' ... (Zarrili, Phillip 2010, Senses an Silence in Actor Training and Performance, p 57)

# Performative Methods in the Design of Architectural Lighting

- How to extract and introduce performative methods in the teaching of non-performers ... such as architects
- How to transfer performative methods as investigating analysis in the perception of spatiality







# Performative Methods in the Design of Architectural Lighting

- Daylight Event: The Capture of Daylight

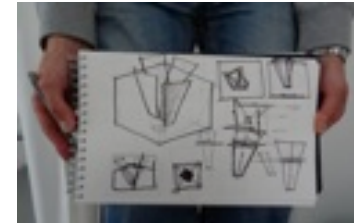
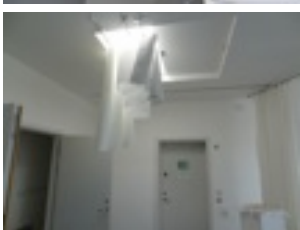
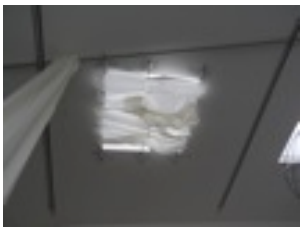


Velux A/S Denmark  
Associate professors  
Karina Mose & Karin Søndergaard



# Performative Methods in the Design of Architectural Lighting

- The design of architectural lighting
- Light zones, - a composition of light - and dark zones (Madsen, Merete, 2004, Light-zone(s) as concept and tool. PhD thesis, School of Architecture)



# Performative Methods in the Design of Architectural Lighting

- Performer Technique
- Performative engagement
- The triangular method

# Performative Methods in the Design of Architectural Lighting

- The triangular method – a system of three changing roles...



# Performative Methods in the Design of Architectural Lighting

- The method of analysis in the process of working with scale 1:1 models



# Performative Methods in the Design of Architectural Lighting

- Psycophysical approach
- Performative engagement
- **Experiential narrativation** (Fludernik, Monica, 2009, *An Introduction to Narratology*, London Routledges)