



MODULE 2 Techniques to develop knowledge in lighting design, 27-28 Apr 2023

The course will be held at the Lighting Design Division at KTH, Seminar Room “Aristoteles” at Teknikringen 76, 3rd Floor (Entrance Level). For participants that are unable to attend on location, a zoom option is available: <https://kth-se.zoom.us/j/6903179854>

SCHEDULE

Thursday 27/4

KTH: TR76, seminar room “Aristoteles”

9:30 - 10.30	Lecture and discussion: Thomas Schielke (reading #1)
10:45 – 12:15	Lecture and discussion: Katja Bülow (reading #2) lunch
13:30 – 15:30	Lecture and Discussion: Craig Bernecker (readings #3-#6)
15.30–17.00	Group workshop Module 2

Friday 28/4

KTH: TR76, seminar room “Aristoteles”

9:30 - 11.00	Group workshop, presentations and discussion
11:15 - 12.00	Summary and Closing Module 2, preview Module 3

Recommended, optional, activities on Friday afternoon:

12:15 – 13:15	Lunch
13.15-15.30	KTH Architecture Higher seminar (Stavroula Angelaki, PhD 50% seminar, Opponent: Craig Bernecker, KTH Architecture, 6 th Floor, room A108)

LITERATURE / READINGS (to read before Module 2)

Pre- module readings for module topic, lecture sessions and related discussion

1. Schielke, T. (2019). *The language of lighting: applying semiotics in the evaluation of lighting design*. *Leukos*, 15(2-3), 227-248.
2. Bülow, K. (2013, April). *Light Rhythms in Architecture: Integration of Rhythmic Urban Lighting into Architectural Concepts*. In *CIE CENTENARY CONFERENCE" TOWARDS A NEW CENTURY OF LIGHT"*, 15-16 APRIL 2013, PARIS, FRANCE.
3. Flynn, J. E., Spencer, T. J., Martyniuk, O. & C. Hendrick (1973) *Interim Study of Procedures for Investigating the Effect of Light on Impression and Behavior*, *Journal of the Illuminating Engineering Society*, 3:1, 87-94
4. Boyce, P. R. (2014). Chapter 6.3: “Higher-Order Perceptions” in *Human factors in lighting*. Crc press.
5. *InformeDesign. Research 101, Parts 1-3*. www.informedesign.umn.edu
6. *Explorable. Research Methods and Research Design Overview*. <https://explorable.com/>

Further Optional Reading:

- Groat, L. N., & D. Wang (2013). Chapters 7 (“Qualitative Research”) and 9 (“Experimental and Quasi-Experimental Research”) in: *Architectural research methods*. John Wiley & Sons.