Progettare il Progettista XIV edizione
Martedì 27 ottobre 2026 h. 14:00
Aula Labò - Dipartimento di Architettura, Pad. 2B, Università Roma Tre, ex-Mattatoio

#PROGETTAREILPROGETTISTA2026

Progettare la luce tra neuroscienze e architettura

Bibliografia

Articoli

De Paiva, A., & Jedon, R. (2019)
Short- and long-term effects of architecture on the brain: Toward theoretical formalization. Frontiers of Architectural Research, 8(4), 564–571
https://doi.org/10.1016/j.foar.2019.07.004

Mills, B. (2021, March 11)
How does light exposure affect memory? Cognitive Vitality, Alzheimer's Drug Discovery Foundation
https://www.alzdiscovery.org/cognitive-vitality/blog/how-does-light-exposure-affect-memory

The University of Sydney, (2024, October 31)
How light can shift your mood and mental health
https://www.sydney.edu.au/news-opinion/news/2024/10/31/how-light-can-shift-your-mood-and-mental-health.html

Spence, C. (2020)
Senses of place: Architectural design for the multisensory mind. Cognitive Research: Principles and Implications, 5, Article 46.
https://doi.org/10.1186/s41235-020-00243-4

Panda, S. (2016)
Circadian physiology of metabolism
Science, 354(6315), 1008–1015

Pasetti, A. (2023) La visione dell'emozione, Ed. LUCE n. 342, pp. 129-132

Pasetti, A. (2022) La visione creativa, Ed. LUCE n. 340, pp. 121-125

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Bibliografia

Articoli

- Barrett & Simmons (2015), Nature Reviews Neuroscience
- Berson, Dunn & Takao (2002), Science
- Boubekri et al. (2014), Journal of Clinical Sleep Medicine
- Brown et al. (2022), PLOS Biology
- Burns et al. (2023), Nature Mental Health
- Cajochen et al. (2005), Journal of Clinical Endocrinology & Metabolism
- Czeisler et al. (1999), Science
- Fernandez et al. (2018), Cell
- Figueiro et al. (2017), Sleep Health
- Hattar et al. (2002), Science
- Hattar et al. (2006), Journal of Comparative Neurology
- Hébert et al. (2002), Journal of Pineal Research
- Khalsa et al. (2003), Journal of Physiology
- LeGates et al. (2012), Nature
- Leproult et al. (2001), Journal of Clinical Endocrinology & Metabolism
- Lok et al. (2018), Journal of Biological Rhythms
- McEwen (1998), New England Journal of Medicine
- McEwen & Karatsoreos (2015), Sleep Medicine Clinics
- Phillips et al. (2019), PNAS
- Provencio et al. (2000), Journal of Neuroscience
- Raichle & Gusnard (2002), PNAS
- Scheer et al. (2009), PNAS
- Souman et al. (2018), Behavioural Brain Research
- St Hilaire et al. (2012), Journal of Physiology
- Sterling (2012), Physiology & Behavior
- Stothard et al. (2017), Current Biology
- Turner & Mainster (2008), British Journal of Ophthalmology
- Vandewalle, Maquet & Dijk (2009), Trends in Cognitive Sciences
- Windred et al. (2024), PNAS
- Wittmann et al. (2006), Chronobiology International
- Wright et al. (2013), Current Biology

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Bibliografia

Libri

Goldhagen, S. W. (2017), Welcome to your world: How the built environment shapes our lives, Harper

Lavdas, A. A., Sussman, A., & Woodworth, A. V. (2025), Routledge handbook of neuroscience and the built environment (1st ed.), Routledge

Shinberg, M. (2023), People-centered architecture: Design for well-being and human connection, Routledge

Castellanos, N. (2023), Neuroscienza del corpo, Ponte alle Grazie

Pinotti, A. (2024), Il primo libro di teoria dell'immagine, Einaudi

de Kort, Y. A. W. (2019), Tutorial: Theoretical considerations when planning research on human factors in lighting, LEUKOS

Zumthor, P. (2006), Atmospheres, Birkhäuser

Eric R. Kandel (2025) Arte e scienza, Ed. Raffaello Cortina

Lionnel Nacache (2020) Le cinéma intérieur, Ed. Odile Jacob

Jean Pierre Changeux (2020) Neuroscienza della bellezza, Ed. Carocci

Sterling & Eyer (1988), in Fisher & Reason (a cura di), Handbook of Life Stress, Cognition and Health, Wiley.

Normative e documenti tecnici

- CIE S 026/E:2018, Metrologia delle risposte mediate dalle ipRGC
- CIE (2019), Position Statement on Non-Visual Effects of Light
- EN 12464-1:2021, Illuminazione dei posti di lavoro in interni
- IARC (2020), Monografia 124 – Night Shift Work
- ISO/CIE TR 21783:2022, Integrative Lighting: Non-Visual Effects

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