

**Early design clustering method considering equitable daylight distribution in the adaptive re-use of heritage buildings**

Szentesi-Nejur, Szende; **De Luca, Francesco**; Nejur, Andrei; **Madelat, Payam** eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 105-114 <https://doi.org/10.52842/conf.ecaade.2023.2.105>

**Machine learning approach versus prediction formulas to design healthy dwellings in a cold climate**

**Sepulveda Luque, Abel**; **Eslamirad, Nasim**; **De Luca, Francesco** eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 359-368 <https://doi.org/10.52842/conf.ecaade.2023.2.359>

**Tropical responsive envelopes for urban heat island mitigation in tropical countries. A proposed workflow for integrated environmental digital simulation**

Irsyad, Naufal Andi; Alkadri, Miktha Farid; **De Luca, Francesco**; Arif, Muhammad; Heinzelmann, Florian eCAADe 2023: Digital Design Reconsidered: Proceedings of the 41st Conference on Education and Research in Computer Aided Architectural Design in Europe 2023 / p. 249–258 <https://doi.org/10.52842/conf.ecaade.2023.2.249>