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Sommario/riassunto	This book gathers the proceedings of the 12th International Conference of Ar.Tec. (Scientific Society of Architectural Engineering), Colloqui.AT.e, which was held in Trento, Italy on June 11–14, 2025, and brought

together scholars in the fields of construction and conservation history, building construction and performance, building design, and technologies. Digital transition and design of 4.0 buildings, digital twins for the management of historical building heritage, building-human-environment relationships, and mitigation of vulnerabilities for the preservation of the built environment are also explored. The contributions demonstrate that architectural engineering enables the construction of sustainable, resilient, adaptive, and high-performance buildings, and as such is instrumental in fighting against climate change.
