EBIM PER LA GESTIONE INFORMATIVA DELLE SUPERFICI DEL COSTRUITO STORICO. PALAZZO CELLAMARE A NAPOLI
EBIM FOR THE INFORMATION MANAGEMENT OF HISTORICAL BUILT SURFACES. PALAZZO CELLAMARE IN NAPLES

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Abstract.
The opportunities arising from the digital transition open up interesting perspectives on the innovation of digital management processes of existing heritage information. The research activity carried out on Palazzo Cellamare, a historic building in Naples dating back to the 16th century, which has undergone ordinary and extraordinary maintenance work on its façades since July 2021, fits into this direction.
The goal of the work is, therefore, the implementation of an as-buit/as-damaged model of the state of affairs, as a predictive design model. Thus, the twin model of the building will be able to contain and analyze all the historical, geometric-dimensional, morphological-figurative, technical-constructive information of the building in order to optimize the operational flows useful for the coding, archiving and management of data of a multidisciplinary. Starting from an integrated digital survey and an accurate historiographical study of the complex, the protocols for the representation of the spatial, qualitative and quantitative distribution of the alteration and degradation phenomena identified on the surface of the artefact are examined in detail, so as to facilitate the verification process and the correct planning of recovery, maintenance and restoration interventions, favouring the sharing of information related to the work for the planning of site activities.

Keywords: *Cultural Heritage, BIM, information management*