

## «TAKE CARE»: I MUSEI REALI DI TORINO E LA CONSERVAZIONE DI UN SISTEMA COMPLESSO DI BENI

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### Abstract

The paper gives an overview of the ongoing project Take Care, granted in the framework of the PRIMA program by Compagnia di S. Paolo, Turin. The project deals with the preventive and planned conservation of the Royal Museums in Turin. Besides organizing a three years remedial works program on several parts of the complex, the project encompasses the draft of a comprehensive conservation plan and the development of an interdisciplinary research on the digitalisation of conservation planning, including new perspectives on knowledge management, surveying and digital informative modelling of the building. The structure of the project fosters the applied character of the research, which explores the frontiers of digitalisation, including AI techniques to speed up the most time consuming phases of the work, but keeps centred on facing also the feasibility issues related to process innovation for the implementation of planned conservation procedures. The ongoing project already shows some outcomes, both in detecting and operating practical problems of the available tools and of the new perspectives of digitalizing the processes in cultural heritage sector.

### Keywords

*Musei Reali di Torino, Conservation Plans, HBIM, Scan-to-BIM, Machine Learning*