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Titolo	The Future of Heritage Science and Technologies : Design, Simulation and Monitoring // edited by Rocco Furferi, Lapo Governi, Yary Volpe, Francesco Gherardini, Kate Seymour
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Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	3D data management and thermographic studies as a knowledge base for the conservation of a rationalist architecture -- XpeCAM: The Complete Solution for Artwork Documentation and Analysis -- Visualising artworks: translating the invisible into diagnostic data for identifying and quantifying paint surfaces -- An automatic method for geometric and morphological information extraction and archiving of ceramic finds -- Modeling marble artworks: the statue "Oceanus" by Giambologna.
Sommario/riassunto	This book gathers a selection of contributions dealing with the application of mechanical engineering for preserving and managing cultural heritage. It covers advanced techniques for 3D survey, modeling and simulation, reconstruction, data management as well as advanced diagnostics and testing methods. It highlights strategies to

foster sustainability, inclusivity, energy saving and waste reuse in preventive conservation of historical buildings and sculptures, and large heritage sites. Based on contributions presented at the 3rd Florence Heri-Tech International Conference, held on May, 16-18, 2022, in Firenze, Italy, this book offers a timely source of information concerning engineering methods in heritage for both researchers and professionals in the field. .
