

1. Record Nr.	UNINA9910627281703321
Titolo	The Future of Heritage Science and Technologies : Materials Science // edited by Rocco Furferi, Rodorico Giorgi, Kate Seymour, Anna Pelagotti
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	9783031156762 3031156765
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (330 pages)
Collana	Advanced Structured Materials, , 1869-8441 ; ; 179
Disciplina	363.69
Soggetti	Nanotechnology Measurement Measuring instruments Cultural property - Protection Historic preservation Measurement Science and Instrumentation Conservation and Preservation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Chemical and Physical advancement in the development of new materials and methods for the conservation/restoration of CH -- 2. Future trends in conservation and restoration technology: biotechnology, nanotechnology, tailored materials, physical technologies -- 3. Ice-dry sandblasting method (CO2) -- 4. Stone physical and petrochemical characterization -- 5. Methods and instruments for the conservation diagnosis and treatments.
Sommario/riassunto	This book presents selected work from the Florence Heri-Tech, a conference focused on the use of innovative technologies and methods for analyzing, managing, and preserving cultural heritage. This book presents chapters on the chemical and physical advancement in the development of new materials and methods for the conservation and restoration of cultural heritage. It also covers trends in conservation and restoration technology: biotechnology, nanotechnology, tailored materials, and physical technologies. The reader also finds information

on methods and instruments for the conservation diagnosis and treatments.
