

1. Record Nr.	UNINA9910254583603321
Titolo	Protection of Materials and Structures from the Space Environment : ICPMSE-11 // edited by Jacob Kleiman
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-19309-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (XVI, 603 p.) : 403 illus., 289 illus. in color
Collana	Astrophysics and Space Science Proceedings, , 1570-6605 ; ; 47
Disciplina	620.419
Soggetti	Microtechnology Microelectromechanical systems Solar system Materials Microsystems and MEMS Space Physics Materials Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Foreword -- Preface -- Introduction -- Individual Contributions -- Index -- Bibliography.
Sommario/riassunto	The proceedings published in this book document and foster the goals of the 11th International Space Conference on "Protection of Materials and Structures from Space Environment" ICPMSE-11 to facilitate exchanges between members of the various engineering and science disciplines involved in the development of space materials. Contributions cover aspects of interaction with space environment of LEO, GEO, Deep Space, Planetary environments, ground-based qualification and in-flight experiments, as well as lessons learned from operational vehicles that are closely interrelated to disciplines of atmospheric sciences, solar-terrestrial interactions and space life sciences.