

1. Record Nr.	UNINA9910830524203321
Titolo	Laser technology : applications in adhesion and related areas // edited by K. L. Mittal and Wei-Sheng Lei
Pubbl/distr/stampa	Hoboken, New Jersey : , : Scrivener Publishing, , 2018 ©2018
ISBN	1-119-18504-1 1-119-18508-4 1-119-18503-3
Descrizione fisica	1 online resource (426 pages)
Collana	Adhesion and Adhesives. Fundamental and Applied Aspects
Disciplina	620.110284
Soggetti	Surface preparation Laser ablation Adhesion
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	Topographical modification of polymers and metals by laser ablation to create superhydrophobic surfaces / Frank L. Palmieri and Christopher J. Wohl -- Nonablative laser surface modification / Andy Hooper -- Wettability characteristics of laser surface engineered polymers / D.G. Waugh and J. Lawrence -- Laser surface modification for adhesion enhancement / Wei-Sheng Lei and Kash Mittal -- Laser surface modification in dentistry : effect on the adhesion of restorative materials / Regina Guenka Palma-Dibb, Juliana Jendiroba Faraoni, Walter Raucci-Neto and Alessandro Dibb -- Laser polymer welding / Rolf Klein -- Laser based adhesion testing technique to measure thin film-substrate interface toughness / Soma Sekhar V. Kandula -- Laser induced thin film debonding for micro-device fabrication applications / Wei-Sheng Lei and Zhishui Yu -- Laser surface cleaning : removal of hard thin ceramic coatings / S. Marimuthu, A.M. Kamara, M F Rajemi, D. Whitehead, P. Mativenga and L. Li -- Laser removal of particles from surfaces / Changho Seo, Hyesung Shin and Dongsik Kim.

