

1. Record Nr.	UNINA9910254348703321
Titolo	Advances on Mechanics, Design Engineering and Manufacturing : Proceedings of the International Joint Conference on Mechanics, Design Engineering & Advanced Manufacturing (JCM 2016), 14-16 September, 2016, Catania, Italy // edited by Benoit Eynard, Vincenzo Nigrelli, Salvatore Massimo Oliveri, Guillermo Peris-Fajarnes, Sergio Rizzuti
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2017
ISBN	3-319-45781-0
Edizione	[1st ed. 2017.]
Descrizione fisica	1 online resource (1208 p.)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	620
Soggetti	Engineering design Computer-aided engineering Manufactures Building materials Engineering Design Computer-Aided Engineering (CAD, CAE) and Design Machines, Tools, Processes Structural Materials
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Knowledge Based Engineering -- Industrial Design and Ergonomics -- Image Processing and Analysis.
Sommario/riassunto	This book gathers papers presented at the International Joint Conference on Mechanics, Design Engineering and Advanced Manufacturing (JCM 2016), held on 14-16 September, 2016, in Catania, Italy. It reports on cutting-edge topics in product design and manufacturing, such as industrial methods for integrated product and process design; innovative design; and computer-aided design. Further topics covered include virtual simulation and reverse engineering; additive manufacturing; product manufacturing; engineering methods in medicine and education; representation techniques; and nautical, aeronautics and aerospace design and modeling. The book is divided

into eight main sections, reflecting the focus and primary themes of the conference. The contributions presented here will not only provide researchers, engineers and experts in a range of industrial engineering subfields with extensive information to support their daily work; they are also intended to stimulate new research directions, advanced applications of the methods discussed, and future interdisciplinary collaborations.
