

1. Record Nr.	UNINA9910523783403321
Titolo	Innovations in Industrial Engineering / / edited by José Machado, Filomena Soares, Justyna Trojanowska, Vitalii Ivanov
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-78170-4
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (497 pages)
Collana	Lecture Notes in Mechanical Engineering, , 2195-4364
Disciplina	670.42
Soggetti	Manufactures Cooperating objects (Computer systems) Computer-aided engineering Machines, Tools, Processes Cyber-Physical Systems Computer-Aided Engineering (CAD, CAE) and Design
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Machining process time series data analysis with a decision support tool -- Machining process time series data analysis with a decision support tool -- Stainless steel deep hole drilling with EDM -- Experimental Research of the Tribological Properties of D-gun Sprayed WC – Co Coatings.
Sommario/riassunto	This book covers a variety of topics in the field of industrial engineering, with a special focus on research and industrial applications aimed at both improving quality of processes and products and contributing to a sustainable economy. Based on a set of papers presented at the 1st International Conference “Innovation in Engineering”, ICIE, held in Guimarães, Portugal, on June 28–30, 2021, it focuses on innovative technologies associated with and strategies for the development of Industry 4.0. The chapters discuss new ways to improve industrial production and supply chain management by applying mathematical and computational methods. They also cover important issues relating to sustainability, education, and collaborations between industry and universities, and national

developments. This book, which belongs to a three-volume set, provides engineering researchers and professionals with a timely overview and extensive information on trends and technologies behind the current and future developments of Industry 4.0. .

---