

1. Record Nr.	UNINA9910578689603321
Titolo	15th European Workshop on Advanced Control and Diagnosis (ACD 2019) : Proceedings of the Workshop Held in Bologna, Italy, on November 21–22, 2019 // edited by Elena Zattoni, Silvio Simani, Giuseppe Conte
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-030-85318-7
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (1441 pages)
Collana	Lecture Notes in Control and Information Sciences - Proceedings, , 2522-5391
Disciplina	629.8
Soggetti	Automatic control System theory Control theory Industrial engineering Production engineering Control and Systems Theory Systems Theory, Control Industrial and Production Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Part I: Plenary Papers -- Part II: Invited Session Papers -- Part III: Contributed Regular Papers -- Part IV: Contributed Work-in-Progress Papers -- Part V: Contributed Industry Papers.
Sommario/riassunto	This book embodies the proceedings of the 15th European Workshop on Advanced Control and Diagnosis (ACD 2019) held in Bologna, Italy, in November 2019. It features contributed and invited papers from academics and professionals specializing in an important aspect of control and automation. The book discusses current theoretical research developments and open problems and illustrates practical applications and industrial priorities. With a focus on both theory and applications, it spans a wide variety of up-to-date topics in the field of systems and control, including robust control, adaptive control, fault-

tolerant control, control reconfiguration, and model-based diagnosis of linear, nonlinear and hybrid systems. As the subject coverage has expanded to include cyber-physical production systems, industrial Internet of Things and sustainability issues, some contributions are of an interdisciplinary nature, involving disciplines related to information and communications technology and environmental sciences. This book is a valuable reference for both academics and professionals working in the area of systems and control, with a focus on advanced control, automation, fault diagnosis and condition monitoring.
