

1. Record Nr.	UNINA9910254231103321
Titolo	Road Vehicle Automation 3 // edited by Gereon Meyer, Sven Beiker
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
ISBN	3-319-40503-9
Edizione	[1st ed. 2016.]
Descrizione fisica	1 online resource (IX, 295 p. 66 illus., 60 illus. in color.)
Collana	Lecture Notes in Mobility, , 2196-5544
Classificazione	48.40
Disciplina	629.2
Soggetti	Automotive engineering Robotics Automation Transportation Transportation engineering Traffic engineering Management Industrial management Automotive Engineering Robotics and Automation Transportation Technology and Traffic Engineering Innovation/Technology Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"The book at hand is the third volume. It summarizes the lively discussions on the political, behavioral, technical, and organizational issues of automated driving that took place at the Automated Vehicles Symposium (AVS) 2015 in Ann Arbor, Michigan (USA)." --P. v
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Introduction -- A National Project in Japan: Innovation of Automated Driving for Universal Services -- Accessible Transportation Technologies Research Initiative (ATTRI)—Advancing Mobility Solutions for All -- Automated Vehicles: Take-Over Request and System Prompt Evaluation -- Connected Automated Vehicles: Relationship to Travel Behavior & Energy Use -- Technical evaluation and impact assessment of automated driving -- Implications of Vehicle Automation for Planning.

Sommario/riassunto

This edited book comprises papers about the impacts, benefits and challenges of connected and automated cars. It is the third volume of the LNMOB series dealing with Road Vehicle Automation. The book comprises contributions from researchers, industry practitioners and policy makers, covering perspectives from the U.S., Europe and Japan. It is based on the Automated Vehicles Symposium 2015 which was jointly organized by the Association of Unmanned Vehicle Systems International (AUVSI) and the Transportation Research Board (TRB) in Ann Arbor, Michigan, in July 2015. The topical spectrum includes, but is not limited to, public sector activities, human factors, ethical and business aspects, energy and technological perspectives, vehicle systems and transportation infrastructure. This book is an indispensable source of information for academic researchers, industrial engineers and policy makers interested in the topic of road vehicle automation.
