

1. Record Nr.	UNINA9910876856603321
Titolo	Mobile ad hoc networking // edited by Stefano Basagni ... [et al.]
Pubbl/distr/stampa	Hoboken, NJ, : John Wiley, c2004
ISBN	1-280-34582-9 9786610345823 0-471-65688-7 0-471-65689-5
Descrizione fisica	1 online resource (479 p.)
Altri autori (Persone)	BasagniStefano <1965->
Disciplina	004.6/8
Soggetti	Wireless LANs Mobile computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	MOBILE AD HOC NETWORKING; CONTENTS; Contributors; Preface; 1 Mobile Ad-Hoc Networking with a View of 4G Wireless: Imperatives and Challenges; 2 Off-the-Shelf Enables of Ad Hoc Networks; 3 IEEE 802.11 in Ad Hoc Networks: Protocols, Performance and Open Issues; 4 Scatternet Formation in Bluetooth Networks; 5 Antenna Beamforming and Power Control for Ad Hoc Networks; 6 Topology Control in Wireless Ad Hoc Networks; 7 Broadcasting and Activity Scheduling in Ad Hoc Networks; 8 Location Discovery; 9 Mobile Ad Hoc Networks (MANETs): Routing Technology for Dynamic, Wireless Networking 10 Routing Approaches in Mobile Ad Hoc Networks 11 Energy-Efficient Communication in Ad Hoc Wireless Networks; 12 Ad Hoc Networks Security; 13 Self-Organized and Cooperative Ad Hoc Networking; 14 Simulation and Modeling of Wireless, Mobile, and Ad Hoc Networks; 15 Modeling Cross-Layering Interaction Using Inverse Optimization; 16 Algorithmic Challenges in Ad Hoc Networks; Index; About the Editors
Sommario/riassunto	From physical issues up to applications aspects, Mobile Ad Hoc Networking comprehensively covers all areas of the technology, including protocols and models, with an emphasis on the most current research and development in the rapidly growing area of ad hoc networks. All material has been carefully screened for quality and

relevance and reviewed by the most renowned and involved experts in the field. Explores the most recent research and development in the rapidly growing area of ad hoc networks. Includes coverage of ad hoc networking trends, possible architectures, and the ad
