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Nota di contenuto	Contents -- List of Contributors -- Foreword -- Preface -- Acknowledgements -- List of Acronyms -- I Introduction -- 1 Introduction to WiMAX Technology -- Wonil Roh and Vladimir Yanover -- 1.1 Overview of State-of-the-artWiMAX Technology -- 1.2 WiMAXEvolutionPath -- References -- II WiMAX Validation: Validating Current Fixed and -- MobileWiMAX Through Advanced Testbeds -- 2 WiMAX Performance in Practice -- Kostas Pentikousis, Esa Piri, Jarno Pinola and Ilkka Harjula -- 2.1 EmpiricalEvaluationsofWiMAX -- 2.2 FixedWiMAXTestbedEvaluation -- 2.3 VoIPOverFixedWiMAX -- 2.4 IPTVoverfixedWiMAX -- 2.5 MobileWiMAXTestbedEvaluation -- 2.6 Summary -- 2.7 FurtherReading -- References -- III Novel Scenarios -- 3 NovelWiMAX Scenarios for Future BroadbandWireless Access Networks -- Pedro Neves, Kostas Pentikousis, Susana Sargento,

Marilia Curado, Paulo Simoes -- and Francisco Fontes -- 3.1

Introduction -- 3.2 WMAN Network Provider -- 3.3

Telemedicine Applications -- 3.4 Environmental Monitoring -- 3.5

Conclusions -- References -- 4 Pricing in WiMAX Networks -- Ioannis

Papapanagiotou, Jie Hui and Michael Devetsikiotis -- 4.1 Introduction

-- 4.2 Economics in Network Engineering -- 4.3

Building the Pricing Schemes -- 4.4 Pricing in Different WiMAX Topologies

-- 4.5 Conclusion -- References -- IV Advanced WiMAX Architectures

-- 5 WiMAX Femtocells -- Chris Smart, Clare Somerville and Doug

Pulley -- 5.1 Introduction -- 5.2 Architecture of a WiMAX Femtocell --

5.3 Femtocell Fundamentals -- 5.4 Femtocell / Macrocell Interference

-- References -- 6 Cooperative Principles in WiMAX -- Qi Zhang, Frank

H.P. Fitzek and Marcos D. Katz -- 6.1 Introduction -- 6.2 Cooperative

Diversity Schemes in Mobile Multihop Relay Based WiMAX -- (802.16j)

-- 6.3 Cooperative Schemes for Multicast Broadcast Services in WiMAX

-- 6.4 Network Coding Implementation in the Commercial WiMAX

Mobile Device -- 6.5 Conclusion -- References -- viii CONTENTS -- 7

The Role of WiMAX Technology in Distributed Wide Area Monitoring --

Applications.

Francesco Chiti, Romano Fantacci, Leonardo Maccari, Dania Marabissi

and -- Daniele Tarchi -- 7.1 Monitoring with the WSN Paradigm -- 7.2

Overall System Architecture -- 7.3 Efficient Access Management

Schemes -- 7.4 Secure Communications Approaches -- References -- 8

WiMAX Mesh Architectures and Network Coding -- Parag S. Mogre,

Matthias Hollick, Christian Schwingenschloegl, Andreas Ziller -- and

Ralf Steinmetz -- 8.1 Introduction -- 8.2 Background on the IEEE

802.16 MeSH Mode -- 8.3 Design Principles for Network Coding in the

IEEE 802.16 MeSH Mode -- 8.4 Enabling WNC for the IEEE 802.16 MeSH

Mode -- 8.5 Related Work -- 8.6 Conclusions and Outlook -- References

-- 9 ASN-GW High Availability through Cooperative Networking in

Mobile -- WiMAX Deployments -- Alexander Bachmutsky -- 9.1

Introduction -- 9.2 Classic HA Implementation -- 9.3 Network-based

Resiliency Solutions for Routing -- 9.4

WiMAX Network Elements R4/R6 Health Management -- 9.5

R6 Load Balancing -- 9.6 ASN-GW Failure and Recovery -- 9.7 N:N

Redundancy -- 9.8 Multi-instance ASN-GW -- 9.9 The Proposal

Summary -- 9.10 Conclusions -- V WiMAX Extensions -- 10 Robust

Header Compression for WiMAX Femto Cells -- Frank H.P. Fitzek, Gerrit

Schulte, Esa Piri, Jarno Pinola, Marcos D. Katz, -- Jyrki Huusko, Kostas

Pentikousis and Patrick Seeling -- CONTENTS -- 10.1 Introduction --

10.2 ROHC in a Nutshell -- 10.3 Scenario Under Investigation -- 10.4

WiMAX and ROHC Measurement Setup -- 10.5

WiMAX and ROHC Measurements Results -- 10.6 Conclusion --

References -- 11 A WiMAX Cross-layer Framework for Next Generation

Networks -- Pedro Neves, Susana Sargento, Ricardo Matos, Giada

Landi, Kostas Pentikousis, -- Marilia Curado and Francisco

Fontes -- 11.1 Introduction -- 11.2 IEEE 802.16 Reference Model --

11.3 Cross-layer Design for WiMAX Networks -- 11.4 WEIRD:

A Practical Case of WiMAX Cross-layer Design -- 11.5

WEIRD Framework Performance Evaluation -- 11.6 Summary --

References -- 12 Speech Quality Aware Resource Control for Fixed and

Mobile WiMAX -- Thomas Michael Bohnert, Dirk Staehle and Edmundo

Monteiro.

12.1 Introduction -- 12.2 Quality of Experience versus Quality of

Service Assessment -- 12.3 Methods for Speech Quality Assessment --

12.4 Continuous Speech Quality Assessment for VoIP -- 12.5 Speech

Quality Aware Admission Control for Fixed IEEE 802.16 Wireless -- 12.6

The Idea of an R-score-based Scheduler -- 12.7 Conclusion --

References -- 13 VoIP overWiMAX -- Rath Vannithamby and Roshni Srinivasan -- 13.1 Introduction -- 13.2 Features to Support VoIP overWiMAX -- 13.3 EnhancedFeatures for ImprovedVoIPCapacity -- 13.4 SimulationResults -- 13.5 Conclusion -- References -- 14 WiMAX User Data Load Balancing -- Alexander Bachmutsky -- 14.1 Introduction -- 14.2 LocalBreakoutUse forLoadBalancing -- 14.3 Network-level Load Balancing over Tunneled Interfaces -- 14.4 Conclusions -- 15 Enabling Per-flow and System-wide QoS and QoE in Mobile WiMAX -- Thomas Casey, Xiongwen Zhao, Nenad Veselinovic, Jari Nurmi and Riku Jantti -- 15.1 Introduction -- 15.2 Overview -- 15.3 Per-flow-basedQoSandQoE -- 15.4 System-wideTools forEnablingQoSandQoE -- 15.5 Conclusions -- References -- VI WiMAX Evolution and Future Developments -- 16 MIMO Technologies forWiMAX Systems: Present and Future -- Chan-Byoung Chae, Kaibin Huang and Takao Inoue -- 16.1 Introduction -- 16.2 IEEE802.16e: Single-user MIMO Technologies -- 6.3 IEEE802.16m: Evolution Towards Multiuser MIMO Technologies / Part I -- NonlinearProcessing -- 16.4 IEEE802.16m: Evolution Towards Multiuser MIMO Technologies / Part II -- LinearProcessing -- 16.5 Conclusion -- References -- 17 Hybrid Strategies for Link Adaptation Exploiting Several Degrees of Freedom inWiMAX Systems -- Suvra Sekhar Das, Muhammad Imadur Rahman and Yuanye Wang -- 17.1 Introduction -- 17.2 LinkAdaptationPreliminaries -- 17.3 LinkAdaptationAlgorithms -- 17.4 LinkAdaptationScenario -- 17.5 PowerAdaptationwithBitAdaptation -- 17.6 LinkAdaptationConsideringSeveralSystemIssues -- 17.7 Summary -- References -- 18 ApplyingWiMAX in New Scenarios: Limitations of the Physical Layer. and Possible Solutions -- Ilkka Harjula, Paola Cardamone, Matti Weissenfelt, Mika Lasanen, -- Sandrine Boumard, Aaron Byman and Marcos D. Katz -- 18.1 WiMAXinNewScenarios -- 18.2 Channel Model for Mountainous Environments -- 18.3 Mountainous Scenario and Channel Modeling -- 18.4 BeamformingAlgorithmsandSimulation -- 18.5 A Timing Synchronization Study in a Mountain Environment -- 18.6 Analysis andConclusions -- References -- 19 Application of Radio-over-Fiber in WiMAX: Results and Prospects -- Juan Luis Corral, Roberto Llorente, Valentín Polo, Borja Vidal, Javier Martín, -- Jonas Porcar, David Zorrilla and Antonio Jose Ramírez -- 19.1 Introduction -- 19.2 OpticalTransmissionofWiMAXSignals -- 19.3 WiMAX-on-FiberApplications -- 19.4 Conclusions -- References -- CONTENTS -- 20 Network Planning and its Part in FutureWiMAX Systems 399 -- Avraham Freedman and Moshe Levin -- 20.1 Introduction -- 20.2 TheNetworkPlanningProcess -- 20.3 The ImpactofWiMAXonNetworkPlanning -- 20.4 PlanningofFutureWiMAXNetworks -- 20.5 Modeling: theKeytoIntegrationofPlanningInformation -- 20.6 Conclusions -- References -- 21 WiMAX Network Automation: Neighbor Discovery, Capabilities -- Negotiation, Auto-configuration and Network Topology Learning -- Alexander Bachmutsky -- 21.1 Introduction -- 21.2 WiMAXNetworkElementsAuto-discovery -- 21.3 Automatic Learning of the WiMAX Network Topology -- 21.4 Capabilities Exchange -- 21.5 AutomaticWiMAXVersionManagement -- 21.6 AutomatedRoaming -- 21.7 Conclusion:NetworkAutomationas aWiMAXDifferentiator -- References -- 22 An Overview of Next Generation Mobile WiMAX: Technology and Prospects -- Sassan Ahmadi -- 22.1 Introduction -- 22.2 Summary of IEEE 802.16m System Requirements -- 22.3 Areasof ImprovementandExtensioninMobileWiMAX -- 22.4 IEEE 802.16m Architecture and Protocol Structure -- 22.5 IEEE 802.16m Mobile Station State Diagram -- 22.6 IEEE 802.16m Physical Layer -- 22.7 IEEE

Sommario/riassunto

This book presents the evolutionary and visionary developments of WiMAX! WiMAX Evolution: Emerging Technologies and Applications focuses on the future developments of WiMAX technology. The book discusses the evolutionary aspects of WiMAX, from the physical to the application layer, including visions from industry, standardization and research communities. Several chapters of the book will present very new and unique information as editors and their respective organizations are involved in ongoing international projects on WiMAX, developing advanced WiMAX techniques. The Editors' in-house WiMAX test-beds enhance the book with privileged and seldom published information on practical issues. Key features: *Presents evolutionary and visionary developments of WiMAX, motivating and inspiring readers to join and continue the developing work *Contains chapters with previously unpublished material, including measurements on real WiMAX equipment and their validation, and introduction of robust header compression in WiMAX, and more *Unique results on real WiMAX test-beds *Covers WiMAX validation, novel scenarios, applications and business, advanced WiMAX architectures, WiMAX extensions, and WiMAX evolution and future developments *Expert authorship with a balanced mix of contributions from highly regarded professionals from top research institutes, industry and academia This book is an invaluable resource for product developers, research and standardization engineers in industry, professors, research scientists and advanced students in academia. Technology managers and CTOs will also find this book insightful.