## Table of Contents

Preface.................................................................................................................................................. XV

### Section 1

#### Introduction

**Chapter 1**  
Digital and Inter-Generational Divide ......................................................................................... 1  
*Paolo Ferri, University of Milan Bicocca, Italy*

**Chapter 2**  
Current Trends of Media Literacy in Europe: An Overview ............................................................ 19  
*Laura Cervi, Universitat Autonoma de Barcelona, Spain*  
*Oralia Paredes, Universitat Autonoma de Barcelona, Spain*  
*José Manuel Pérez Tornero, Universitat Autonoma de Barcelona, Spain*

**Chapter 3**  
Perspectives on Media Literacy, Digital Literacy and Information Literacy ................................... 28  
*Monica Fantin, Universidade Federal de Santa Catarina, Brazil*

### Section 2

#### Digital Literacy and Digital Competence in Formal Education

**Chapter 4**  
Bebras Contest and Digital Competence Assessment: Analysis of Frameworks ............................. 35  
*Antonio Cartelli, University of Cassino, Italy*  
*Valentina Dagiene, Institute of Mathematics and Informatics, Lithuania*  
*Gerald Futschek, Vienna University of Technology, Austria*

**Chapter 5**  
A Framework for Digital Competence Assessment ........................................................................... 47  
*Antonio Cartelli, University of Cassino, Italy*
Chapter 6
Beyond the Media Literacy: Complex Scenarios and New Literacies for the Future Education- The Centrality of Design................................................................................................................. 64
Carlo Giovannella, University of Rome Tor Vergata, Italy

Chapter 7
Wikipedia as Training Resource for Developing Digital Competences ........................................ 76
Corrado Petrucco, University of Padua, Italy

Chapter 8
The Media Diet of University Students in Italy: An Exploratory Research ........................................ 84
Andrea Pozzali, University of Milano-Bicocca, Italy
Paolo Ferri, University of Milano-Bicocca, Italy

Section 3
Digital Literacy and Digital Competence after Graduation and for Lifelong Learning

Chapter 9
Integrating Educational and ICT Innovations: A Case Study of Master Course ......................... 95
Luca Tateo, University of Sassari, Italy
Paola Adinolfi, University of Salerno, Italy

Chapter 10
Digital Literacy in a Lifelong Learning Programme for Adults: Educators’ Experiences and Perceptions on Teaching Practices................................................................. 109
Athanassios Jimoyiannis, University of Peloponnese, Greece
Maria Gravani, Open University of Cyprus, Cyprus

Chapter 11
Information Communication Technologies for the Lifelong Learning: The Multimedia Documentation of Best Practices in Education................................................................. 124
Laura Corazza, University of Bologna, Italy

Chapter 12
E-Skills and ICT Certification in Greek Cultural and Travel Agencies: An Exploratory Study........ 130
Fotis Lazarinis, University of Ioannina, Greece
Dimitris Kanellopoulos, University of Patras, Greece

Chapter 13
Digital Literacy for Health: The Promise of Health 2.0 ................................................................ 142
Ela Klecun, London School of Economics and Political Science, UK
Section 4
Digital Literacy in Organizations

Chapter 14
Framework for the Experiences in Digital Literacy in the Spanish Market ................................. 154
C. De Pablos Heredero, Rey Juan Carlos University, Spain

Chapter 15
Frameworks for the Benchmarking of Digital and Knowledge Management
Best Practice in SME and Organizations ......................................................................................... 166
Antonio Cartelli, University of Cassino, Italy

Chapter 16
Free Software Implementation Experiences for the Promotion of the Liquid Society .............. 176
C. De Pablos Heredero, Universidad Rey Juan Carlos, Spain
D. López Berzosa, Universidad de León, Spain

Section 5
Digital Technologies at Large: Learning and Ethics

Chapter 17
Cooperative Learning through Communities of Practice ............................................................ 189
Emilio Lastrucci, University of Basilicata, Italy
Angela Pascale, University of Basilicata, Italy

Chapter 18
Levels of Self-Efficacy among Harassed Teachers ..................................................................... 200
Isabel Cantón, University of León, Spain
Consuelo Morán, University of León, Spain

Chapter 19
Employee Monitoring and Ethics: Can They Co-Exist? .............................................................. 209
Angelina I. T. Kiser, University of the Incarnate Word, USA
Timothy Porter, University of the Incarnate Word, USA
David Vequist, University of the Incarnate Word, USA

Compilation of References ............................................................................................................ 225

About the Contributors .................................................................................................................. 247

Index............................................................................................................................................... 253