

# Preface

The present book includes extended and revised versions of papers selected from the 13th International Forum of Digital TV and Wireless Multimedia Communication (IFTC 2016), held in Shanghai, China, during November 9–10, 2016.

IFTC is a summit forum in the field of digital TV and multimedia communication. The 2016 forum was co-hosted by SIGA, the China International Industry Fair 2016 (CIIF 2016), and co-sponsored by Shanghai Jiao Tong University (SJTU), IEEE BTS Chapter of Shanghai Section, Shanghai Institute of Communication, and the Shanghai Society of Motion Picture and Television Engineers (SSMPTE). IFTC serves as an international platform for exchanging the latest research advances in digital TV and wireless communication around the world as well as the relevant policies of industry authorities. The forum also aims to promote technology, equipment, and applications in the field of digital TV and multimedia by comparing the characteristics, frameworks, significant techniques and their maturity, analyzing the performance of various applications in terms of scalability, manageability, and portability, and discussing the interfaces among varieties of networks and platforms.

The conference program included invited talks delivered by seven distinguished speakers from China, France, and the USA, as well as oral sessions of ten papers and a poster session of 28 papers. The topics of these papers range from image processing and audio processing to image and video compression as well as telecommunications.

This book contains 38 papers selected from IFTC 2016. We would like to thank the authors for contributing their novel ideas and visions that are recorded in this book.

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