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Guangtao Zhai · Jun Zhou
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Digital TV and Wireless Multimedia Communication

14th International Forum, IFTC 2017
Shanghai, China, November 8–9, 2017
Revised Selected Papers

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Preface

The present book includes extended and revised versions of papers selected from the 14th International Forum of Digital TV and Wireless Multimedia Communication (IFTC 2017), held in Shanghai, China, during November 8–9, 2017.

IFTC is a summit forum in the field of digital TV and multimedia communication. The 2017 forum was co-hosted by SIGA, the China International Industry Fair 2017 (CIIF 2017), and co-sponsored by Shanghai Jiao Tong University (SJTU) and the IEEE BTS Chapter of Shanghai Section. The 14th IFTC served as an international bridge for the exchange of 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, and by analyzing the performance of various applications in terms of scalability, manageability, and portability and discussing the interfaces among various networks and platforms.

The conference program included invited talks delivered by six distinguished speakers from China, Switzerland, and Hong Kong SAR, as well as oral sessions of 11 papers and a poster session of 35 papers. The topics of these papers range from audio/image processing to image and video compression as well as telecommunications. This book contains 46 papers selected from IFTC 2017. We would like to thank the authors for contributing their novel ideas and visions that are recorded in this book.

November 2017

Guangtao Zhai
Jun Zhou
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