# Multimedia Technologies: Concepts, Methodologies, Tools, and Applications

Syed Mahbubur Rahman Minnesota State University, Mankato, USA



**INFORMATION SCIENCE REFERENCE** 

Hershey • New York

Acquisitions Editor:Kristin KlingerDevelopment Editor:Kristin RothSenior Managing Editor:Jennifer NeidigManaging Editor:Jamie SnavelyTypesetter:Michael Brehm, Jeff Ash, Carole Coulson, Elizabeth Duke, Chris Hrobak, Sean WoznickiCover Design:Lisa TosheffPrinted at:Yurchak Printing Inc.

Published in the United States of America by Information Science Reference (an imprint of IGI Global) 701 E. Chocolate Avenue, Suite 200 Hershey PA 17033 Tel: 717-533-8845 Fax: 717-533-88661 E-mail: cust@igi-global.com Web site: http://www.igi-global.com/reference

and in the United Kingdom by

Information Science Reference (an imprint of IGI Global) 3 Henrietta Street Covent Garden London WC2E 8LU Tel: 44 20 7240 0856 Fax: 44 20 7379 0609 Web site: http://www.eurospanbookstore.com

Copyright © 2008 by IGI Global. All rights reserved. No part of this publication may be reproduced, stored or distributed in any form or by any means, electronic or mechanical, including photocopying, without written permission from the publisher.

Product or company names used in this set are for identification purposes only. Inclusion of the names of the products or companies does not indicate a claim of ownership by IGI Global of the trademark or registered trademark.

Library of Congress Cataloging-in-Publication Data

Multimedia technologies : concepts, methodologies, tools, and applications / Syed Mahbubur Rahman, editor.

p. cm.

Includes bibliographical references and index.

Summary: "This book offers an in-depth explanation of multimedia technologies within their many specific application areas as well as presenting developing trends for the future"--Provided by publisher.

ISBN 978-1-59904-953-3 (hardcover) -- ISBN 978-1-59904-954-0 (ebook)

1. Multimedia systems. 2. Multimedia communications. I. Syed, Mahbubur Rahman, 1952-

QA76.575.M5218 2008

006.7--dc22

2008021157

If a library purchased a print copy of this publication, please go to http://www.igi-global.com/agreement for information on activating the library's complimentary electronic access to this publication.

8 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: <u>www.igi-</u> global.com/chapter/multimedia-information-retrieval-crossroad/27086

## **Related Content**

Efficient Imbalanced Multimedia Concept Retrieval by Deep Learning on Spark Clusters Yilin Yan, Min Chen, Saad Sadigand Mei-Ling Shyu (2017). *International Journal of Multimedia Data* 

Engineering and Management (pp. 1-20).

www.irma-international.org/article/efficient-imbalanced-multimedia-concept-retrieval-by-deep-learning-on-sparkclusters/176638

#### Multi-Purpose DS-Based Cluster Formation and Management in Mobile Ad Hoc Networks

V. S. Anithaand M. P. Sebastian (2011). Innovations in Mobile Multimedia Communications and Applications: New Technologies (pp. 1-20).

www.irma-international.org/chapter/multi-purpose-based-cluster-formation/53166

#### Measuring the Potential for IT Convergence at Macro Level

Margherita Pagani (2005). *Encyclopedia of Multimedia Technology and Networking (pp. 571-578).* www.irma-international.org/chapter/measuring-potential-convergence-macro-level/17300

#### Emerging Wireless Networks for Social Applications

Raúl Aquino, Luis Villaseñor, Víctor Rangel, Miguel Garcíaand Artur Edwards (2011). Handbook of Research on Mobility and Computing: Evolving Technologies and Ubiquitous Impacts (pp. 595-616). www.irma-international.org/chapter/emerging-wireless-networks-social-applications/50613

### Predicting Key Recognition Difficulty in Music Using Statistical Learning Techniques

Ching-Hua Chuanand Aleksey Charapko (2014). *International Journal of Multimedia Data Engineering and Management (pp. 54-69).* 

www.irma-international.org/article/predicting-key-recognition-difficulty-in-music-using-statistical-learning-techniques/113307