# Information Communication Technologies: Concepts, Methodologies, Tools, and Applications

Craig Van Slyke University of Central Florida, 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, Sara Reed, 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: 717-533-8861 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

Information communication technologies : concepts, methodologies, tools and applications / [compiled] by Craig Van Slyke.

p. cm.

Summary: "This collection meets these research challenges; compiling breaking research in the pivotal areas of social adaptation to information technology. It covers ad-hoc networks, collaborative environments, e-governance, and urban information systems, case studies, empirical analysis, and conceptual models. Over 300 chapters contributed by experts, this six-volume compendium will provide any library's collection with the definitive reference on ICTs"--Provided by publisher.

ISBN 978-1-59904-949-6 (hardcover) -- ISBN 978-1-59904-950-2 (e-book)

1. Information technology--Social aspects. 2. Information technology--Economic aspects. 3. Information technology--Political aspects. 4. Digital communications--Social aspects. 5. Information society. I. Van Slyke, Craig.

HM851.I5315 2008

303.48'33--dc22

#### 2007052998

British Cataloguing in Publication Data

A Cataloguing in Publication record for this book is available from the British Library.

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.

16 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: www.igi-

global.com/chapter/participatory-design-creativity-development-

### information/22693

### **Related Content**

#### Strategic Utilization of Data Mining

Chandra S. Amaravadi (2005). Encyclopedia of Information Science and Technology, First Edition (pp. 2638-2642).

www.irma-international.org/chapter/strategic-utilization-data-mining/14667

#### Breaking the Knowledge Acquisition Bottleneck Through Conversational Knowledge Management

Christian Wagner (2006). *Information Resources Management Journal (pp. 70-83)*. www.irma-international.org/article/breaking-knowledge-acquisition-bottleneck-through/1286

#### Access Control and Information Flow Control for Web Services Security

Saadia Kedjar, Abdelkamel Tariand Peter Bertok (2020). *Information Diffusion Management and Knowledge Sharing: Breakthroughs in Research and Practice (pp. 185-219).* www.irma-international.org/chapter/access-control-and-information-flow-control-for-web-services-security/242132

#### A Single-Objective Recovery Phase Model

Sandy Mehlhorn, Michael Racer, Stephanie Iveyand Martin Lipinski (2013). *Perspectives and Techniques for Improving Information Technology Project Management (pp. 249-267).* www.irma-international.org/chapter/single-objective-recovery-phase-model/73239

## Mining Associations Between Collaborative Skills and Group Roles in Collaborative E-Learning Environments

Rosanna Costaguta, Pablo Santana-Mansilla, Germán Lescanoand Daniela Missio (2019). Journal of Information Technology Research (pp. 159-174).

www.irma-international.org/article/mining-associations-between-collaborative-skills-and-group-roles-in-collaborative-elearning-environments/224984