Table of Contents

International Journal of Sociotechnology and Knowledge Development

Volume 9 • Issue 4 • October-December-2017 • ISSN: 1941-6253 • eISSN: 1941-6261

An official publication of the Information Resources Management Association

Special Issue of Embracing Diversity with Help of Technology and Participatory Design

Guest Editorial Preface

v Barbara Rita Barricelli, Department of Computer Science, Università degli Studi di Milano, Milan, Italy Ines Di Loreto, Tech-CICO, Université de Technologie de Troyes, Troyes, France

Research Articles

 Developing a Participatory Approach to Accessible Design María Inés Laitano, LabSic, Université Paris 13, Villetaneuse, France

12 Applications to Improve Quality of Life

Arminda Guerra Lopes, Instituto Politecnico de Castelo Branco, Castelo Branco, Portugal & Madeira Interactive Technologies Institute, Funchal, Portugal

28 From Human-Centered Design to Disabled User & Ecosystem Centered Design in Case of Assistive Interactive Systems

Marine Guffroy, CREN, Le Mans University, Le Mans, France Vigouroux Nadine, IRIT, Paul Sabatier University, Toulouse, France Christophe Kolski, LAMIH, Valenciennes and Hainaut-Cambrésis University, Valenciennes, France Frédéric Vella, IRIT, Paul Sabatier University, Toulouse, France Philippe Teutsch, CREN, Le Mans Université, Le Mans, France

43 A Participatory Design Approach with Visually Impaired People for the Design of an Art Exhibition

Karine Lan HingTing, UTT- Université de Technologie de Troyes, ICD (CNRS, UMR 6281), Troyes, France Ines Di Loreto, UTT- Université de Technologie de Troyes, ICD (CNRS, UMR 6281), Troyes, France

COPYRIGHT

The International Journal of Sociotechnology and Knowledge Development (IJSKD) (ISSN 1941-6253; eISSN 1941-6261), Copyright © 2017 IGI Global. All rights, including translation into other languages reserved by the publisher. No part of this journal may be reproduced or used in any form or by any means without written permission from the publisher, except for noncommercial, educational use including classroom teaching purposes. Product or company names used in this journal 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. The views expressed in this journal are those of the authors but not necessarily of IGI Global.

The International Journal of Sociotechnology and Knowledge Development is indexed or listed in the following: Bacon's Media Directory; Cabell's Directories; DBLP; GetCited; Google Scholar; INSPEC; JournalTOCs; MediaFinder; SCOPUS; The Index of Information Systems Journals; The Standard Periodical Directory; Ulrich's Periodicals Directory