Handbook of Research on Culturally-Aware Information Technology: Perspectives and Models

Emmanuel G. Blanchard (McGill University, Canada) and Danièle Allard (Sherbrooke University, Canada)

Information technology is an integral part of our daily lives, whether in professional, educational, or personal settings. It allows us to interact globally. IT researchers recognize the potential in developing systems that seek to integrate our current knowledge of cultural variations, as IT is well-positioned to support the work of those directly involved in promoting and disseminating culture.

The Handbook of Research on Culturally-Aware Information Technology: Perspectives and Models is the first publication of its kind to bring together research contributions from a wide range of IT disciplines, including human-computer interaction, information systems in business and leadership, computational modeling and cultural dynamics, semantic technology and cultural heritage, and e-learning and intelligent tutoring systems. The handbook provides researchers, professors, and students with an in-depth knowledge of the theoretical and technological research conducted in IT with relation to culture.

Topics Covered:
- Computational Cultural Frameworks
- Cultural Differences in Information Technology
- Cultural Heritage and Information Technology
- Culture and Automatic Speech Recognition
- Culture in Adaptive Systems
- Enculturated Virtual Agents
- Enculturation in Information Technology
- Enculturation of Computer-Assisted Education
- Ontology Engineering for Cultural Awareness
- Sociocultural Simulations

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Market: This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Emmanuel G. Blanchard received his M.Sc. (2003) and Ph.D. (2007) in Computer Science from University of Montreal, Canada. His thesis on “Motivation and Culture in e-Learning” was included on the Dean's list of the Faculty of Graduate Studies. He is currently a postdoctoral fellow in the ATLAS Laboratory, Faculty of Educational and Counselling Psychology, McGill University, which he joined in 2008. His research interests include but are not limited to formal ontology engineering, cognitive sciences, intelligent tutoring systems, multiagent systems, user modelling, serious games, and cultural and affective adaptation in information systems. He initiated the International Workshop on Culturally-Aware Tutoring Systems (CATS), which he co-chaired in 2008, 2009, and 2010.
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