Handbook of Research on Practices and Outcomes in Virtual Worlds and Environments

Harrison Hao Yang (State University of New York at Oswego, USA) and Steve Chi-Yin Yuen (The University of Southern Mississippi, USA)

Researchers and educators are increasingly interested in how virtual worlds allow users to interact, play, learn, do business, share, and collaborate in an online environment.

Handbook of Research on Practices and Outcomes in Virtual Worlds and Environments not only presents experienced professionals with the most recent and advanced developments in the field, but it also provides clear and comprehensive information for novice readers. The handbook introduces theoretical aspects of virtual worlds, disseminates cutting-edge research, and presents first-hand practices in virtual world development and use. The balance of research, theory, and applications includes exploration of design innovations, new virtual reality technologies, virtual communities, pedagogical design, and the future of virtual worlds and environments.

Topics Covered:
• Distance Learning
• Social, Ethical, and Human Perspectives of Virtual Worlds
• Virtual Communities
• Virtual Reality Technologies
• Virtual World Applications
• Virtual Worlds and Environments
• Virtual Worlds and Pedagogical Design
• Virtual Worlds and Professional Development

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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.

Harrison Hao Yang (Ed.D., Florida International University, 1996) is a Professor in the Department of Curriculum and Instruction at State University of New York at Oswego, USA. His research specialties include assessment and e-folios, distance/ flexible education, information literacy, Information Technology diffusion/integration, learning theories, issues and trends on vocational- technical education, and Web/learning communities. Dr. Yang is the recipient of State University of New York (System-wide) Chancellor's Award for Excellence in Teaching in 2009, and SUNY Oswego President's Award for Teaching Excellence in 2006.
Section 1: Social, Ethical, and Human Perspectives

Chapter 1
Ethical Considerations for Learning Game, Simulation, and Virtual World Design and Development
Warren Scott (University of North Texas, USA)
Lin Lin (University of North Texas, USA)

Chapter 2
Enhancing Characters for Virtual Worlds and Interactive Environments through Human-Like Enhancements
Slater Stuart (University of Wolverhampton, UK)
Burden David (Daden Ltd, UK)

Chapter 3
Virtual Hate Communities in the 21st Century
Tsunokai Glenn T. (Western Washington University, USA)
McGrath Allison R. (Vanderbilt University, USA)

Chapter 4
Addiction in World of Warcraft:
Pragnell Craig (Bournemouth University, UK)
Gatzidis Christos (Bournemouth University, UK)

Chapter 5
Educational Research in Virtual Learning Environments:
Kucharski Marcus Vinicius Santos (Universidade Tuiuti do Paraná & Pontifícia Universidade Católica do Paraná, Brazil)
Torres Patricia Lison (Pontifícia Universidade Católica do Paraná, Brazil)

Section 2: Virtual Communities, Applications, and Implications

Chapter 7
Virtual Museums:
Ho Caroline M. L. (Nanyang Technological University, Singapore)

Chapter 8
Art and the Avatar in Virtual and Mixed-Reality Exhibition Space
Derbridge Lisa (RMIT University, Australia)

Chapter 9
Tourism in Virtual Worlds:
Cruz-Lara Samuel (LORIA / INRIA Nancy - Grand Est, France)
Cabello José Manuel (Iberoamericana Association, Spain)
Oswald Tarik (LORIA / INRIA Nancy - Grand Est, France)
Collado Antonio (Carasa, Spain)
Franco José M. (Avantalia, Spain)
Barnera Sergio (Virtualware, Spain)

Chapter 10
Virtual Evidence in the Courtroom
Schofield Damian (State University of New York at Oswego, USA)

Chapter 11
Davy-Jose Stephanie L. (Liverpool John Moores University, UK)
Decker Summer J. (University of South Florida, USA)
Schofield Damian (State University of New York at Oswego, USA)

Chapter 12
Second Life and World of Warcraft:
Chaka Chaka (Walter Sisulu University, South Africa)

Chapter 13
The Next Frontier in Public Education:
Cambre Belinda M. (University of New Orleans, USA)

Section 3: Strategies and Impacts on Professional Development

Chapter 14
Isn’t It Real?
Kabaraun Emil R. (National Cheng Kung University, Taiwan)
Chen Chien-Hsu (National Cheng Kung University, Taiwan)
Jeng Tai-Sheng (National Cheng Kung University, Taiwan)

Chapter 5
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Kucharski Marcus Vinicius Santos (Universidade Tuiuti do Paraná & Pontifícia Universidade Católica do Paraná, Brazil)
Torres Patricia Lison (Pontifícia Universidade Católica do Paraná, Brazil)

Section 4: Pedagogical Design and Implementations

Chapter 26
Virtual Worlds as a Learner Centered Environment for Spatial Reasoning
Park Hyungsung (Kyonggi University, Republic of Korea)

Chapter 27
Collaborative Learning
Zhan Hong (Emory-Riddle Aeronautical University, Prescott, USA)
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