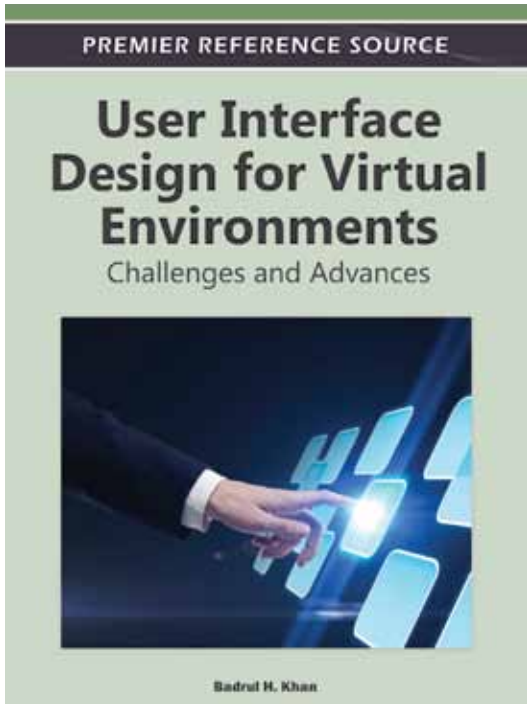


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User Interface Design for Virtual Environments: Challenges and Advances



Badrul Khan (McWeadon Education, USA)

The design of various virtual environments should be based on the needs of a diverse population of users around the globe. Interface design should be user centric and should strive for making the user's interaction as simple, meaningful, and efficient as possible.

User Interface Design for Virtual Environments: Challenges and Advances focuses on challenges that designers face in creating interfaces for users of various virtual environments. Chapters included in this book address various critical issues that have implications for user interface design from a number of different viewpoints. This book is written for professionals who want to improve their understanding of challenges associated with user interface design issues for globally-dispersed users in various virtual environments.

Topics Covered:

- Challenges of Human Computer Interaction Design
- Designing Mobile Learning
- Locomotion Interfaces
- Ontology-Driven Content Creation
- Persistence in Virtual Worlds
- Reliable Multi-User Interfaces
- Social Cues and User Interfaces
- Speech Input for Virtual Environments
- Virtual Learning Environments
- Virtual Worlds Research

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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.

Dr. Badrul H. Khan, is a world-renowned educator, author, speaker, and consultant in the field of distance education. He has 17 years of experience in developing and managing distance education programs. Professor Khan has the credit of first coining the phrase Web-based instruction and popularizing the concept through his 1997 best-selling Web-Based Instruction book which paved the way for the new field of e-learning. His *Managing E-Learning* book translated into 14 languages. He contributed to the development of US virtual education policies organized by the White House Office of Science and Technology Policy and the Naval Postgraduate School, the National Educational Technology Plan by the US Department of Education and the Review of Joint Professional Military Education organized by the Joint Chiefs of Staff. He served as contributing and consulting editor of nine prestigious international learning journals & magazines. He is a past president of the International Division of the Association for Educational and Communication Technology (AECT). He authored and coauthored 11 books/manuals and over 100 papers in the field of e-learning and distance learning. He delivered keynote speeches in more than 50 international e-learning and distance learning conferences. He is the founder of McWeadon Education (a professional development institution). He previously served as the founding Director of the Educational Technology Leadership (ETL) graduate cohort program at The George Washington University, the founding Director of the Educational Technology (ET) graduate program at the University of Texas, Brownsville and an Instructional Designer and Evaluation Specialist in the School of Medicine at Indiana University, Indianapolis. Dr. Khan has served as a consultant to distance education, learning development and human resource development projects at: (a) the World Bank, (b) the US Federal Government, (c) the Asian Development Bank, and (d) various academic institutions and corporations in the U.S. and throughout the world. For more info, please visit his personal Website: <http://BadrulKhan.com/>

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