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Handbook of Research on Mobile Multimedia

HANDBOOK OF RESEARCH ON

MOBILE MULTIMEDIA



ISMAIL KHALIL IBRAHIM

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Handbook of Research on Mobile Multimedia provides a descriptive, analytical, and comprehensive assessment of factors, trends, and issues in the ever-changing field of mobile multimedia. This authoritative research-based publication also offers in-depth explanations of mobile solutions and their specific applications areas, as well as an overview of the future outlook for mobile multimedia. This timely reference source provides direction for future researchers to pursue when examining issues in the field, and is also the perfect tool for practitioners interested in applying pioneering concepts in practical situations.

Topics Covered:

- Business drivers
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- Frequency allocation
- High interactive multimedia
- Medium multimedia
- Mobile intranet / extranet
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- Quality of service
- Future of mobile multimedia
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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.

Ismail Khalil (<http://www.iwas.org/ismail/>) is a senior researcher and lecturer at the institute of telecooperation, Johannes Kepler University Linz, Austria, since October 2002. He is the president of the international organization of Information Integration and Web-based Applications & Services (@WAS). He holds a PhD in computer engineering and received his habilitation degree in applied computer science on his work on agents' interaction in ubiquitous environments in May 2008. He currently teaches, consults, and conducts research in Mobile Multimedia, Cloud Computing, Agent Technologies, and the Semantic Web. He is also interested in the broader business, social and, policy implications associated with the emerging information technologies. Before joining Johannes Kepler University of Linz, he was a research fellow at the Intelligent Systems Group at Utrecht University, Netherlands, from 2001-2002 and the project manager of AgenCom project at the Software Competence Center Hagenberg - Austria from 2000-2001. Dr. Khalil has authored around 100 scientific publications, books and book chapters. He is the editor of the *Handbook of Research on Mobile Multimedia* series, the book *Mobile Multimedia: Communication Engineering Perspective*, the book *Multimedia Transcoding in Mobile and Wireless Networks*, the book *Innovations in Mobile Multimedia Communications and Applications: New Technologies* and the book *Advancing the Next-Generation of Mobile Computing: Emerging Technologies*. He serves as the Editor-in-Chief of the *International Journal on Web Information Systems (IJWIS)*, *International Journal on Pervasive Computing and Communication (IJPCC)* both published by Emerald Group publishing, UK, *Journal of Mobile Multimedia (JMM)* published by Rinton Press, USA, *International Journal of Mobile Computing and Multimedia Communication (IJMCMC)* published by IGI Global, USA, *Advances in Next Generation Mobile Multimedia* book series published by IGI Global, USA and *Atlantis Ambient and Pervasive Intelligence* book series published by Atlantis and Springer. He is on the editorial board of several international journals. His work has been published and presented at various conferences and workshops.



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