

Global Summit and Expo on **Multimedia & Applications**

August 10-11, 2015 Birmingham, UK

Multimedia information system security

Wasan Mehdi

University of Bedfordshire, UK

With the fast advance development of the internet and multimedia techniques, the protection of multimedia content has become increasingly important. One of the many advantages multimedia techniques has a reenabling multimedia data's, generation, editing, sharing storage, etc. despite the obvious progress of multimedia communications, these developments carry with them a number of risks such as copyright violation, prohibited usage and distribution of digital media, secret communications, and network security. Therefore, security, scalability and manageability amongst others become issues of serious concern, as current solutions do not satisfy anymore the growing demands of multimedia communications. The scope and target of this paper will focus on a giving thorough review to multimedia information and system security, and to provide the latest advance research covering multimedia system security. It will review the latest security solutions such as Digital confidentiality protection, Digital ownership Rights Management (DRM), forgery detection, protection, traitor tracing, secure multimedia distribution based on watermarking, copy detection, privacy preserving data mining, secure user interface, intrusion detection and prevention. Moreover, the paper describes steganography, security in network or service convergence, security of data sharing in social media and privacy-preserving data security.

Biography

Wasan Mehdi has a Doctorate in Computer animation, University of Bedfordshire. Her research interests include computer animation, Multimedia information, security and cloud computing. She is an author of many papers and journals published in various conferences and several oral and digital recording presentations at national and local conferences. This work based on the author's experiential research, attempts to review Multimedia information system security techniques in terms of its security, scalability and manageability. Being a senior IT network support working with huge network, information system security demands, she would like to summarise and reflect in this work the important and essential role of information system security taking advantages of her experience to provide an insight to a general architecture of MIS, and study the related issues regarding multimedia information systems security. It also address the latest security solutions such as Digital Rights Management (DRM), ownership protection, confidentiality protection, watermarking, forgery detection, and privacy-preserving data mining, secure user interface, intrusion detection and prevention.

Wasan.Mehdi@beds.ac.uk

Notes: