Ian Williams

Associate Professor, School of Computing and Digital Technology at Birmingham City University

Birmingham, , GB

Ian Williams is an internationally recognised researcher in Image processing and Mixed Reality.

Biography

Ian is an Associate Professor in the Centre of Digital Media Technology (DMT) and the subject lead for image and video technology in the DMT Lab. He is an expert in image analysis, Mixed and Augmented Reality (MR/AR), image texture analysis, 3D image processing and user interaction. Ian delivers internationally recognised research by leading the Image and Mixed Reality group within the DMT Lab, and as subject lead, directs the module content for the level 4 module on Digital Audio Technology, the level 6 module on Digital Image Processing, the level 7 module on Research methods and the MSc Digital Broadcast Technology Projects. Supplementary to this academic delivery, Ian supervises PhD research in many fields of digital media technology and at present he is Director of Studies for four PhD students, all researching in areas of mixed reality, multidimensional image processing and interactive systems. Ian joined the University in 2008, following a career as a communications engineer for the UK railway network and after successfully completing his PhD in Medical Image Processing. Ian currently acts on the scientific and technical committee for the IEEE international symposium on Mixed and Augmented reality and is a reviewer for several international conferences and journals including, IEEE Signal Processing Letters, International Journal of Optics, IET Journal of Image Processing and Elsevier Journal of Computer Vision and Image Understanding.

Areas of Expertise

Image Filtering, Image Feature Extraction, Mixed and Augmented Reality, Digital Image Processing, User Interaction, Digital Video Processing, Pattern Recognition

Education

Manchester Metropolitan University
Ph.D. Image Processing

Manchester Metropolitan University
B.Sc. Media Technology

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