



Digital Futures 2005 Quantitative Aspects of Imaging

Tuesday, 25 October 2005 - NPL, Teddington, UK,

A Symposium organised jointly by the National Physical Laboratory and the Imaging Science Group of The Royal Photographic Society

Co-Chairs: Professor G. Attridge (University of Westminster), Dr R. Jenkin (Cranfield University), Dr M. Pointer (NPL), Dr S. Triantaphillidou (University of Westminster).

Programme

09.00-09.30	Tea/Coffee & Registration	
09.30-09.35	Welcome & Introduction	Prof. Geoffrey Attridge
09.35-10.20	Plenary Talk. Displays: Past, present and future	Prof. Robert Hunt <i>Colour Consultant</i>
10.20-10.45	The effect of image gamma on the perceived quality of images on LCDs	Dr Efie Bilissi <i>University of Westminster</i>
10.45-11.10	Effective Pictorial Information Capacity as an image quality metric	Dr. Rob Jenkin <i>Cranfield University</i> Dr. Sophie Triantaphillidou <i>University of Westminster</i>
11.10-11.30	Coffee	
11.30-11.55	Evaluation of the Effective Pictorial Information Capacity metric using real scenes	Dr. Sophie Triantaphillidou <i>University of Westminster</i> Dr. Rob Jenkin <i>Cranfield University</i>
11.55-12.20	Aspects of visual assessment of colour hard copy output	Prof. Geoffrey Attridge and Gautam Vagal <i>University of Westminster</i>
12.20-12.45	Selecting significant colours from a complex image for image quality modelling	Kristy Leeming <i>London College of Communication</i>
12.45-14.00	Lunch	
14:00-14:25	Measurement of wound 3D shape and colour from stereo digital images	C.D Jones Dr P. Plassmann Prof. E.F. Ring and B. Belem <i>University of Glamorgan</i>
14:25-14:50	Losses associated with format conversion in digital video processing chains	Dr Ken Maclennan Neil Cohen Simon Walker <i>HOSDB</i>
14.50-15.15	Pattern Recognition of wear, class and identifying characteristics in footwear impression evidence	Hoosain M. Ebrahim <i>Medical University of Southern Africa</i>
15:15-15:45	Coffee	
15.45-16.45	Student Contributions	
16:45-17:15	Forum	

At 17.30 a Buffet will be provided for members of The Royal Photographic Society who are attending the Imaging Science Group's AGM at 18.30.