



The Royal Photographic Society
Imaging Science Group
Third meeting on

Recent Advances in Medical & Forensic Imaging

Monday 21st February 2005

at
The Royal Society
6 Carlton House Terrace
London

Provisional programme
Coffee & registration 9.30am

Forensic imaging.

Mr. Nicholas Marsh, *SERIS, Metropolitan Police London.*

Using digital imaging systems in a defined environment – a traceable measurement option.

Prof. M Pointer, *National Physical Laboratory, Teddington.*

Reflectance properties of human skin and hair for use in biometric systems.

C. Chan, Dr R Jenkin, M. Richardson, J. Coath, *Royal Military College of Science, Cranfield University, Shrivenham.*

Forensic visualisation - the third dimension, facing the future or a stab in the dark?

Dr D Schofield, *School of Computer Science & Information technology, University of Nottingham.*

Extraction of metric measurements in three dimensions from digital photographs.

Dr C. Jones, Dr P Plassmann, *Medical Imaging Res. Group, School of Computing, Univ. of Glamorgan, Pontypridd.*

Preliminary studies using scanning mass spectrometry in the visualisation and analysis of fingerprints.

Dr I Szykowska, J. Grodowski, *Institute of General and Ecological Chemistry, Technical Univ. of Łódź.*

On the heating by ultrasound of bone and soft tissues.

Dr A Saunders, *Academic Biomedical Research Group, Univ. of Bournemouth.*

Medical applications of Terahertz imaging.

Dr V Wallace, *Teraview Ltd. Cambridge.*

A standardisation protocol for infra red thermal imaging in medico-legal applications.

Prof. E.J. Ring, Prof. K. Ammer, Dr P Plassmann, Dr C Jones,

Medical Imaging Res. Group, School of Computing, Univ. of Glamorgan. Pontypridd.

Evidence based practice and its effect on the medical photographer's continuing development.

Mr H.M. Ebrahim, *Director of Medical Illustration & AV Services, Medical University of Southern Africa, Medunsa.SA.*

Image retrieval based on image parameters rather than textual description.

B F Jones*, S Y Zhu*, G Shaeffer⁺, * *Derby University*, ⁺ *Nottingham Trent University.*

Visualising patterns of crime activity in space and time.

Prof. C Brunson, Dr J Corcoran, Prof. G Higgs, *School of Computing, Univ. Glamorgan, Pontypridd.*

Apollo moon landing– Investigation of photographic anomalies.

D Trower, M Richardson, Dr R Jenkin, Dept of Aerospace, Power and Sensors,
Royal Military College of Science, Cranfield University, Shrivenham, Wiltshire.

Registration fee £90 plus VAT (£105.75) payable to the Royal Photographic Society

On-line reservations and payment details at www.rps-isg.org.
or contact Mr R.L. Tapper, Medical Illustration,

Long Row, St Bartholomews Hospital, West Smithfield, London EC1A 7BE,
bob.tapper@bartsandthelondon.nhs.uk for an application form.

Limited number of places available — early reservation advised.

Fee include refreshments, lunch and speakers' abstracts.