

Imaging @ Westminster

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Content

- Imaging Technology Research Group
- Imaging courses at the University of Westminster
- Other activities
- Research Projects
- Areas that we could contribute to the MIWG work

Imaging Technology Research Group

AREAS OF RESEARCH

- Image Formation/Capture/Display
- Image Measurement and Analysis
- Image Representation and Visualisation
- Image Perception
- Image Storage and Archiving

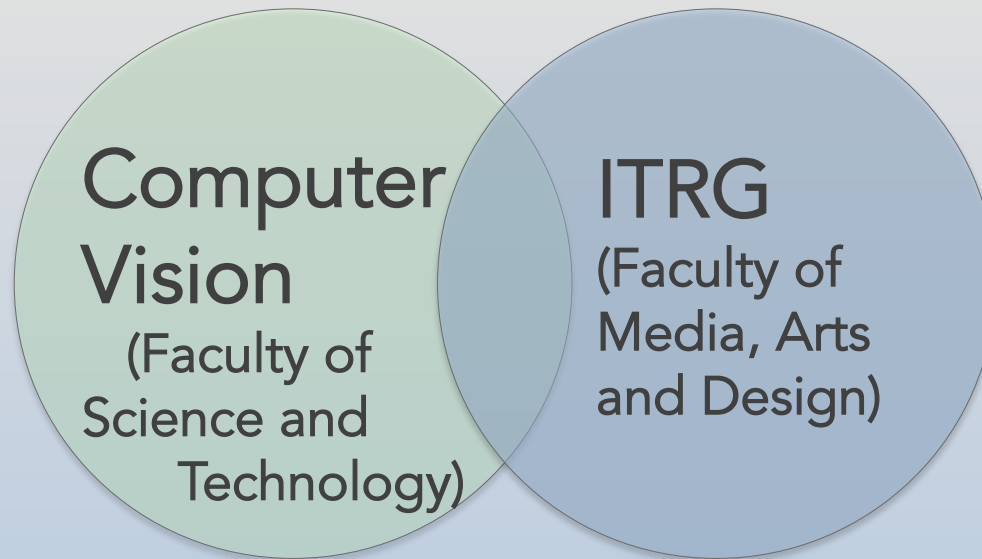
Imaging Technology Research Group



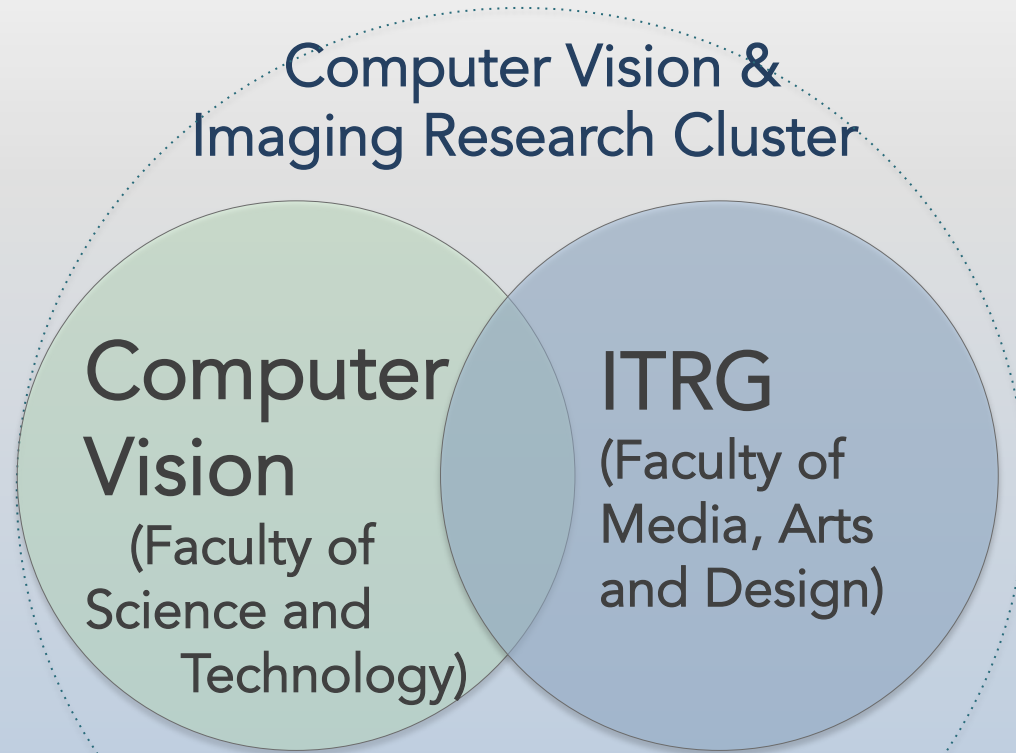
ITRG

(Faculty of
Media, Arts
and Design)

Imaging Technology Research Group



Imaging Technology Research Group



- PhD co-supervision
- PhD/Research Seminars
- Research Collaborations

ITRG Director: Dr Sophie Triantaphillidou
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www.westminster.ac.uk/imaging-technology

Imaging Courses at Westminster

UG Courses in Imaging (until 2016-17)



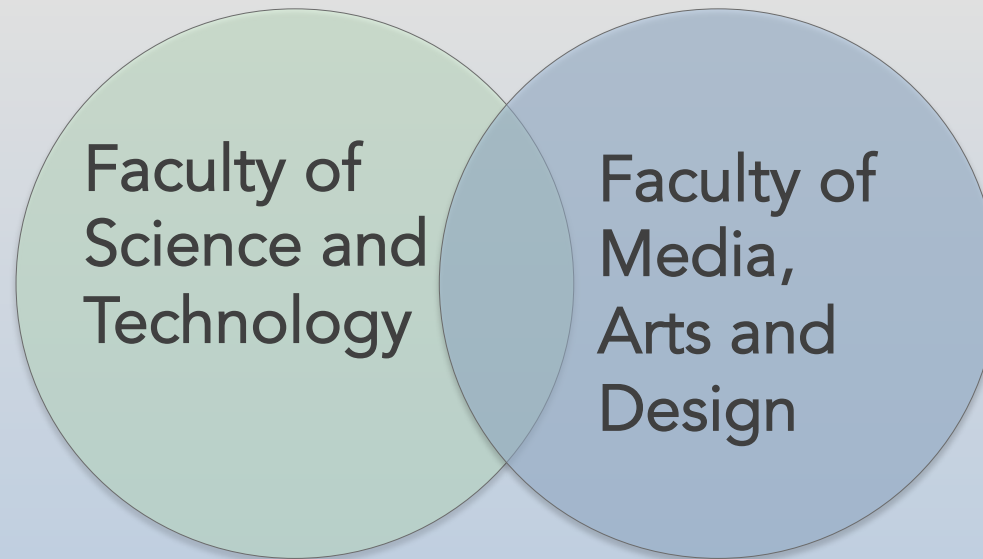
Faculty of
Media,
Arts and
Design

BSc (Hons) Photography and Digital Imaging Technologies

Course Leader: Elizabeth Allen (E.Allen01@westminster.ac.uk)

Imaging Courses at Westminster

UG Courses in Imaging (until 2016-17)



BSc (Hons) Clinical Photography

Course Leader: Dr Efthimia Bilissi (E.Bilissi02@westminster.ac.uk)

Imaging Courses at Westminster

New UG Courses in Imaging (from 2016-17)



Faculty of
Media,
Arts and
Design

- BA/BSc Imaging Art and Science
- MA/MSc Imaging Art and Science

Imaging at Westminster

Examples of relevant major project subjects:

BSc Photography and Digital Imaging Technologies

Metamerism, Device characterisation (camera, scanner, displays),

IR and UV photography, Forensic Imaging, 3D Imaging, Video

BSc Clinical Photography

Dermatology, Oral Photography, Ophthalmic Imaging

IR, Thermal and UV Photography for Medical Purposes

Proposed Guidelines for Clinical Photography

Imaging at Westminster

Other activities:

- Images in Medicine for Producers and Users Symposium

in collaboration with the Medical group of the Royal Photographic Society – 18 October 2014

- All About Imaging: Transactions Symposium

in collaboration with the Imaging Science Group of the RPS - 20 May 2014

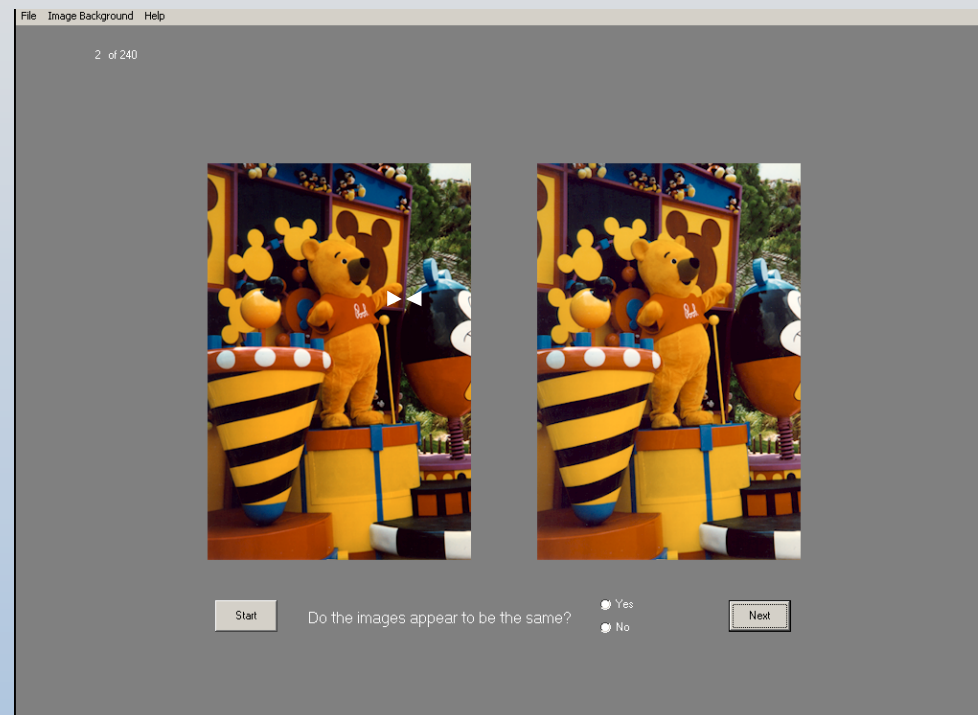
- 'Images from Science' exhibition hosted by the University of Westminster

in collaboration with the RPS - May – June 2014

ITRG relevant Projects

Perceptible gamma differences

Investigated the perceived gamma differences of displayed sRGB images.



ITRG relevant Projects

Mobile imaging (PhD)

Investigated perceived tone and sharpness differences between colour images viewed at different display sizes



lower contrast

NEXT

higher contrast

Other ITRG Projects

- Colour Management for Motion Picture
- Image Quality and the Internet
- Image Fidelity in CCTV Imagery
- Image Quality in Image Compression
- Fingerprint Imaging
- Digitisation of Photographic Archives
- Measurement and Modelling of Spatial and Spatiotemporal Human Vision Using Real Scenes.

Imaging at Westminster

The areas that we can contribute to the MIWG work include:

- Calibration and characterization of camera or display devices
- Standardisation of image acquisition techniques for clinical and medical images
- Objective or subjective testing of imaging systems and workflows
- Investigation on the effect of colour differences to the usefulness of clinical images

Thank you for your attention