



The Computer Vision Group develops software and algorithms for the analysis and understanding of images and videos.

Computer Vision



Content-based visualisation and browsing of image databases (Images courtesy of V&A Museum)



Retina image analysis

Further information

To find out what Computer Vision can do for you contact Prof Stephen McKenna.

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Visit the website at:
www.computing.dundee.ac.uk/projects/vision

Research & Innovation Services

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Based in the School of Computing, the group led by Dr Jesse Hoey, Prof Stephen McKenna and Prof Manuel Trucco has built up an international reputation in its field. Computer vision is relevant to a wide variety of technology sectors including animation, construction, surveillance, robotics and medical diagnostics.

Current projects

Collaborations include University of Toronto, University of Surrey, University of Bristol, BTextact, the Fraunhofer Institute, the NHS, System Stimulation, Liberty Fabric, Calico Jack Ltd. and the V&A Museum.

Funding

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Opportunities

The group has experience of interdisciplinary and industrial collaborations and welcomes additional approaches from both industry and academia.

Expertise:

- Analysis of human motion
- Image based rendering
- Vision for assistive technologies
- Vision for healthcare
- Confocal imaging of plant roots
- Content-based browsing of image collections
- Computer vision for the built environment
- Medical image analysis