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Higher Education Institute :		University of Westminster, University of Leicester, Open University					
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Keywords <i>select as appropriate</i>		Security		Fraud Control		Privacy	
		o		x		o	
<i>(Add keywords from list)</i>		Biometrics			Behavioural studies		
		Face processing			Human-machine interaction/MMI		
Research Overview:							
Primarily, our research focuses on face perception in forensic situations. This involves examining eyewitness evidence and the use of face recognition as a biometric to combat fraud, particularly credit-card fraud. In addition, we have worked closely with several police services to examine issues involving video identification, facial mapping, composite construction and witness interviewing.							
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Research Project overviews:							
Researcher(s): Dr Richard Kemp, Dr Graham Pike, Dr Nicola Brace email: rik4@leicester.ac.uk details: The use of faces as a biometric on credit cards and driving licences relies on the ability of a human 'checker' to accurately match the facial-image to the person producing the card . This project evaluates the accuracy with which this task can be performed and examines the effects of introducing changes to such things as lighting and paraphernalia.							
Researcher(s): Dr Graham Pike, Dr Nicola Brace, Dr Richard Kemp email: G.E.Pike@wmin.ac.uk details: This project examines the use of video technology by the police. This involves looking at identification from surveillance footage and the use of facial mapping techniques, as well as the introduction of video identification parades.							
Researcher(s): Dr Nicola Brace, Dr Graham Pike, Dr Richard Kemp email: N.A.Brace@open.ac.uk details: To investigate the use of facial-composite systems, such as E-FIT, by the police. This includes the possible use of 3D modelling algorithms, the use of witness information by the police and the assessment of quality.							
Researcher(s): Jim Turner, Dr Graham Pike, Dr Nicola Brace, Dr Richard Kemp							

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details: The aim of this project is to make use of psychological knowledge relating to face perception in order to improve the process of constructing a composite (E-FIT). This involves an examination of the interaction between the witness, operator and computer software in order to develop an optimal construction method.

Source HEI