

**Professor van Rijsbergen**

**University of Glasgow**

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<b>Faculty/School/Group :</b>		Department of Computing Science								
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<b>Keywords</b> <i>select as appropriate</i>		<b>Security</b>		o	<b>Fraud Control</b>		x	<b>Privacy</b>		x
<i>(Add keywords from list)</i>		Information Retrieval								
<b>Research Overview:</b>										
<p>The main body of research is organised into six research themes: Formal Design and Analysis; Functional Programming; Graphics and Human Computer Interaction; Information Retrieval; Persistent and Distributed Systems and Systems Architecture.</p> <p>The Information Retrieval Group focus is the development of novel interaction techniques that break out of the traditional query/response paradigm. Our research has a growing emphasis on the evaluation of interactive IR systems, and we have forged new links with researchers in Human-Computer Interaction and Psychology.</p> <p>See <a href="http://ir.dcs.gla.ac.uk/">http://ir.dcs.gla.ac.uk/</a> for more details</p>										
<b>Contact:</b>				<b>Tel:</b>						
<b>Email:</b>										
<b>Research Project overviews:</b>										
<b>Researcher(s):</b> <b>email:</b> <b>details:</b>										
<b>Source HEI web site</b>										

### 1.1 Professor Vicki Bruce

University of Stirling

<b>Higher Education Institute :</b>		University of Stirling					
<b>Faculty/School/Group :</b>		Face recognition group, Department of Psychology					
<b>Address:</b> Department of Psychology, University of Stirling, Stirling FK9 4LA							
<b>Contact:</b> Vicki Bruce				<b>Tel:</b> 01786 467638			
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<b>Keywords</b> <i>select as appropriate</i>	<b>Security</b>	X	<b>Fraud Control</b>	x	<b>Privacy</b>	o	
<i>(Add keywords from list)</i>	face recognition			face recall			
<b>Research Overview:</b>							
<p>We are developing an overall theory of human face recognition, and comparing human recognition abilities to those of current computer face matching systems. We are actively investigating identification of faces from video and CCTV images as well as from static photographs. We are also exploring ways to improve recall of face images by human witnesses. Some of this work is conducted in collaboration with the University of Glasgow.</p>							
<b>Contact:</b> Vicki Bruce, Peter Hancock or Mike Burton				<b>Tel:</b> as above, or 0141 330 4060			
<b>Email:</b> as above, or P.J.B.Hancock@stir.ac.uk, mike@psy.gla.ac.uk							
<b>Research Project overviews:</b>							
<p><b>Researcher(s):</b> Zoe Henderson , Vicki Bruce and Mike Burton  <b>email:</b>zoe.henderson@stir.ac.uk  <b>details:</b> Experimental studies on human accuracy and speed of identifying faces in different conditions of viewpoint, lighting, animation. Effects of familiarity and familiarisation. Current funding from EPSRC (with UMIST) plus associated PhD project funded by University of Stirling.</p>							
<p><b>Researcher(s):</b> Karen Lander and Vicki Bruce  <b>email:</b>karen.lander@stir.ac.uk  <b>details:</b> Effects of movement on the recognition of faces. Current funding from ESRC</p>							
<p><b>Researcher(s):</b> Charlie Frowd and Peter Hancock  <b>email:</b> Charlie Frowd and P.J.B.Hancock@stir.ac.uk  <b>details:</b> Developing alternative face recall systems using genetic algorithms and holistic face images. Current funding from EPSRC</p>							
<b>Source HEI</b>							

**Professor Anne Anderson****University of Glasgow**

<b>Higher Education Institute :</b>	University of Glasgow		
<b>Faculty/School/Group :</b>	Department of Psychology		
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<b>Keywords</b> <i>select as appropriate</i>	<b>Security</b>	<b>Fraud Control</b>	<b>Privacy</b>
<i>(Add keywords from list)</i>	Cognitive Engineering		
<b>Research Overview:</b>			
Cognitive Engineering models the design problems associated with interactive systems, which typically involve people, computers and organisations. Cognitive Engineering focuses on key design problems in communication, information storage and retrieval and education and training.			
<b>Contact:</b>		<b>Tel:</b>	
<b>Email:</b>			
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<b>Researcher(s):</b>			
<b>email:</b>			
<b>details:</b>			
<b>Source ESRC web site</b>			