

**1.1 Prof F Piper**

**Royal Holloway, University of London**

<b>Higher Education Institute :</b>		Royal Holloway, University of London					
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<b>Contact:</b>				<b>Tel:</b>			
<b>Email:</b>							
<b>Keywords</b> <i>select as appropriate</i>	<b>Security</b>	x	<b>Fraud Control</b>	o	<b>Privacy</b>	x	
<i>(Add keywords from list)</i>	Cryptography						
<b>Research Overview:</b>							
<b>Contact:</b>				<b>Tel:</b>			
<b>Email:</b>							
<b>Research Project overviews:</b>							
<b>Researcher(s):</b> Dr S Blackburn <b>email:</b> s.blackburn@rhbnc.ac.uk <b>details:</b>							
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<b>Source HEI</b>							

**1.1 Dr Steve Schneider****Royal Holloway, University of London**

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<b>Faculty/School/Group :</b>		Department of Computer Science					
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<b>Keywords</b> <i>select as appropriate</i>	<b>Security</b>	x	<b>Fraud Control</b>	o	<b>Privacy</b>	x	
<i>(Add keywords from list)</i>	Encryption						
<b>Research Overview:</b>							
<p>This research is concerned with the modelling, analysis and verification of security protocols. It applies formal methods developed over the last 20 years to define security requirements such as authentication, secrecy, anonymity, and non-repudiation and to prove proposed protocols correct with respect to such security properties. Tools are currently being developed to provide mechanical proof assistance and automatic verification for classes of protocols.</p>							
<b>Contact:</b> Dr Steve Schneider				<b>Tel:</b> 01784 443431			
<b>Email:</b> S.Schneider@rhbnc.ac.uk							
<b>Research Project overviews:</b>							
<p><b>Researcher(s):</b> Neil Evans; Steve Schneider (Principal Investigator)  <b>email:</b> N.Evans@rhbnc.ac.uk  <b>details:</b> EPSRC funded project: ' A framework for verification of security protocols'</p>							
<b>Source HEI</b>							

**Professor F Piper****Royal Holloway, University of London**

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<b>Keywords</b> <i>select as appropriate</i>	<b>Security</b>	X	<b>Fraud Control</b>		<b>Privacy</b>
<i>(Add keywords from list)</i>		Cryptography			
<b>Research Overview:</b>					
Research interests are the design and assessment of cryptographic algorithms, in particular the generation of pseudorandom sequences for use as keystream sequences in stream ciphers.					
<b>Contact:</b> Industrial Liaison Officer			<b>Tel:</b> 01784 443000		
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<b>Research Project overviews:</b>					
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<b>Source BEST 1998</b>					