Dr Karen Taylor-Burge **Brunel University**

Higher Education Institute :	Brunel University						
Faculty/School/Group :	Technology/Design/Serious Fun Research Lab						
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Keywords *select as appropriate*	**Security**		**Fraud Control**		**Privacy**		
(Add keywords from list)	Personal technologies		Ubiquitous computing				
	Embedded IT		Human machine interaction				
Research Overview:							
Generally to understand the human factors motivating ubiquitous computing. Specifically to employ human-centred design techniques to investigate the potential of play to facilitate the use of next generation communication systems.							
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Research Project overviews:							
Researcher(s): Mark Allen (PhD research student) **email:** dtpgmfa@brunel.ac.uk **details:** Digital surrogates for creative interaction in physical environments.							
Researcher(s): Linette Voller (PhD research student) **email:** dtpglfv@brunel.ac.uk **details:** Computer Vision for transparent navigation in visual environments.							
Source HEI							

Dr Bruce Wilkie **Brunel University**

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Keywords *select as appropriate*	**Security**	X	**Fraud Control**		**Privacy**	
(Add keywords from list)						

Research Overview:

Research is in the field of pattern recognition with special reference to the n-tuple methodology relating to artificial neural network modelling. Although concentrated on the recognition of visual patterns and therefore closely related to computer vision systems, the n-tuple technique can be applied to other forms of patterns which exhibit recurrent features examples of which are those encountered in speech and many numerical information databases.

Investigations have included or include written signatures (verification of bank cheques), security scenes (intruder detection), faces (authorised pass-holder verification), currency notes (bank note sorting).

Contact:	**Tel:**
Email:	
Research Project overviews:	
Researcher(s): **email:** **details:**	
Source BEST 1998	