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Keywords select as appropriate	Secur	ity	X	Fı	aud Control	X	Privacy	X
(Add keywords from list	n list) Fa		ace processi		ng	Video processing		
Bayesian learning		Neural networ			rks	Data fusion		
Predictive algorithms			ess co	ntro	ol	Behavioural studies		
Research Overview								
for understanding dynamic events that are closely associated with human identities and activities in image sequences captured by CCTV cameras.Contact:Dr Shaogang GongTel: 0171 975 5249								
Email: sgg@dcs.qm	w.ac.uk	-						
Research Project overviews:								
Researcher(s): Jami email: jamie@dcs.q details: ISCANIT (R Interaction): This pro Interaction (VMI) an models. These mode selection and switchi tracking of multiple p within typical indoor	mw.ac.u Recognis oject und d is dev els are u ng. A pi people a	uk, <u>on</u> sing Ii dertak relopin sed to rototy and the	ntention tes res ng ger precog pe system eir peo	dcs on i ear neri gnis ster oplo	<u>.qmw.ac.uk</u> , yo n Real-Time fo ch supporting V c view-based ho to user intentior n will be built t e and their beha	r Visu /isuall ead an is for a o perf	ally Mediate y Mediated d body beha active camera orm real-time	d vioural a-view e
Researcher(s): Denr email: dennisp@dcs. details: AIMS (Adv developing real-time natural. Compared to or a few isolated face system requires not co but also robust detect low resolution. Signi large variations in 3E	qmw.ad anced In systems the mo images only corr tion and ficantly	c.uk, j nciden s for c re typ s of no rect re l track	paulv nt Mo letecti pical se ear-fro ecogni ting of ust co	@do nito ng, cen onta tion f fao pe v	cs.qmw.ac.uk, coring Systems): tracking and rearios of face rea il view are the s of continuous ces under poor with changes in	This pecogni cognit cognit dubject ly cha lightin face i	project is foc sing moving ion in which ts of interest, nging face ir og conditions mages cause	used on faces in a single such a nages, and of d by

performance with moderate hardware is required.

Researcher(s): Yongmin Li, Jeffrey Ng, Jack Chang email: <u>yongmin@dcs.qmw.ac.uk</u>, <u>jeffng@dcs.qmw.ac.uk</u>, cth@dcs.qmw.ac.uk details: Visual Learning and Data Fusion: Support Vector Machines, Hidden Markov Models and Bayesian Belief Networks have been exploited for developing computationally efficient algorithms for visual learning and data fusion between multiple views.

Source HEI