

Call for Participation

Detection vs Tracking

www.bmva.ac.uk/meetings

One Day BMVA symposium London, UK (Date and Location TBA)

Chair: Richard Bowden, CVSSP, University of Surrey

The development and exploitation of techniques such as AdaBoost and Salient regions (to name but two) have brought about a new level of performance in robust object detection. Little or no a priori information of object location or pose is used. Detection is often performed over the entire image space (scale and translation) and many detection schemes are affine invariant. Such approaches, in many ways, are contrary to the general assumptions of tracking where motion dynamics and local search strategies are actively used to localise detection and achieve temporal consistency in object labelling. This symposium does not support either school but seeks to provoke stimulating discussion around the benefits or disadvantages of approaches. Work in either robust, fast detection or novel tracking approaches are welcome but specific importance will be given to liminal work which attempts to bring these approaches together.

Please submit an extended summary of about one A4-sized page (no longer than two pages) in length (PDF preferred). Send contributions by email attachment (1Mb max please!) to Richard Bowden (r.bowden@surrey.ac.uk) by 1st Dec 05.