

Research activity

Here is a list of all the research activity pages:

Generic List

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Visual perception research - School of Psychology (/research/activity/psychology/visualperception/index.aspx)

Our ability to perceive the 3D structure of the world around us is critical for recognising objects, working out where we are and where we want to navigate to, and for moving our bodies to interact with interesting objects and avoid dangerous objects. Although it may seem like an easy skill, working out the 3D structure of the environment involves a great deal of neural processing, and we do not yet have a full understanding of how the brain achieves it. It is telling that state-of-the-art computer systems show nothing like the sophistication of our own visual systems.



Visualisation - Collaborative Research Network in Imaging and Visualisation (/research/activity/crni/projects/visualisation/index.aspx)

New tools being developed at Birmingham aim to create intuitive and interactive visualisation and synthetic environments, with applications from defence and surgical training to large scale modelling of marine environments.



VORTEX Trial (/research/activity/mds/trials/crctu/trials/vortex/index.aspx)



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