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BRAIN TRAINING GAMES

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Neuroscience research applied for robot vision in EYESHOTS

June 5, 2011 by Computer Vision Central

research

Researchers are studying how a monkey's brain neurons engage in visual-motor coordination in order to develop a model of how the brain combines images with movements of eyes and limbs. This project is funded by the EU under the EYESHOTS (Heterogeneous 3-D Visual Perception Across Fragments) project. Using the model derived from the brain neurons, researchers have developed a robot system, including a 3D computer vision system and robotic arms, "which could allow robots to observe and be aware of their surroundings and also remember the contents of those images in order to act accordingly." More information is available in an AlphaGalileo web article.

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- ⌘ Principal Investigator – Computer Vision
- ⌘ Assistant/Associate Professor Positions at Xiamen University – China

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