

The Canberra Times

March 29, 2006

# Creators of visionary technology

SEEING Machines is a world leading developer of computer vision processing technologies that allow machines to see and track human faces and moving objects.

These technologies can enable the development of important new products and applications, ranging from devices that help improve road safety and save lives, to those that help detect and manage eye disease and prevent loss of

eyesight. The company is based at the Australian National University (ANU) campus in Canberra, and since its inception in 2000, has worked to develop and commercialise vision-based human-machine interfaces that enable computers to detect, track and interpret human faces and facial features.

Their goals include improving driver safety and reducing transport accidents using real-time tracking of head-pose,

gaze direction and eyelid behaviour to monitor driver fatigue, distraction or inattention; and improving the detection, diagnosis and management of eye diseases, particularly glaucoma, through real-time pupil tracking and measurement of pupillary response to tailored stimulus patterns.

For further information about Seeing Machines, go to [www.seeingmachines.com](http://www.seeingmachines.com)