

The Age. 18-7-05

Campus Chatter Lisa Mitchell

X-RAY EYES

A \$9 million Australian Research Council grant over five years will allow collaborating universities to develop the next generation of



X-ray eyes. The Centre of Excellence in Coherent X-Ray Science will bring together global experts in imaging, structural biology, laser science and molecular theory to develop high-resolution imaging and probing technologies. X-ray sources are becoming increasingly brighter, with laser X-ray technology expected to arrive within the next 10 years.

Initially, the centre hopes to determine the structure of membrane proteins, which cannot be determined by current technologies, Professor Leann Tilley (left), the centre's deputy director, from La Trobe University, says.