NEW POSTGRADUATE UNIT

Computer Vision and Image Analysis PG

Winter Term 2011

Faculty of Information Sciences and Engineering

• Are you interested in learning how computers can see and understand the world around them through camera systems?
• How computers can analyse images and infer knowledge about the scene?
• Topics include:
  o Image formation and representation
  o Basics of image processing and analysis
  o Feature detection and matching
  o Image matching and registration
  o Feature-based alignment
  o Segmentation and clustering
  o Motion estimation and structure from motion
  o Object detection, tracking and recognition
  o Multi-view geometry
• This decade heralds the Golden Age of computer vision. Be part of it!
• Interested? Contact Dr Roland Goecke, roland.goecke@canberra.edu.au
• Starts Thu, 16 June 2011