

## **PhD Research Scholarships for 2008**

Applications are invited from engineering graduates (Computing, System, and Industrial) to apply for the following ARC scholarships with the Deakin University Intelligent Systems research group for two industry based research projects (APAI).

A challenging and exciting field, modeling of complex infrastructures, such as airport, sea port, and road, is vital to decision making to ensure a secure and efficient operation of passenger and cargo logistics. The Deakin research group has established itself as the leading research group in logistics simulation in Australia and shares a close relationship with leading institutions in the field from around the world.

The scope of the projects involves demand scheduling /stochastic input modeling, complex networks optimization, logistic planning, and development of simulation support tools. Some of the areas can be refined to match the interests of individual students.

Working in a stimulated and supportive academic environment, the students are expected to actively participate in the creation and sharing of knowledge. With our close collaboration with industry, the individuals will also receive considerable exposure to simulation consultancy best practice using state of the art virtual reality simulation software. The profession development training received will assist a person who wishes to either pursue an academic or industry based career. Will suit persons with excellent problem solving, computing and communication skills, who can rapidly adapt to a diverse range of, work environments? High academic records (honours level) and Australian Citizenship required.

Please send your cover letter and resume to [jamesz@deakin.edu.au](mailto:jamesz@deakin.edu.au)