

THINKING SYSTEMS

CALL FOR STAKEHOLDER SUBMISSIONS

The Australian Research Council (ARC) and the National Health and Medical Research Council (NHMRC) are collaborating to progress the Australian Government's goals for *Breakthrough Science* and *Frontier Technologies* under the National Research Priority *Frontier Technologies for Building and Transforming Australian Industries*. As part of their strategy for achieving this, the ARC and NHMRC have established a joint Working Group to explore opportunities for new and cutting edge research in the area of *Thinking Systems*.

The Working Group is considering options for the conduct of research at the intersection of neuroscience, genetics, proteomics and information technology that will increase understanding of the biological hardware, programming and operation of thinking systems. It is intended that this interdisciplinary, collaborative and cross-institutional initiative will lead to the generation and application of new knowledge in the development of intelligent machines, robots and information systems and will place Australia at the forefront of this area internationally.

Prior to recommending any funding scheme, the Working Group is seeking broad stakeholder input to identify how strategic and innovative multidisciplinary research could make a significant contribution to this area. Researchers and others who have an interest in this area are encouraged to provide input.

Submissions should balance the need for providing as much relevant information as possible with the need to be concise, and should include contact details.

Please forward your submission to:

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by Friday 10 December, 2004.

Submissions and queries may also be sent electronically to Biosciences@arc.gov.au