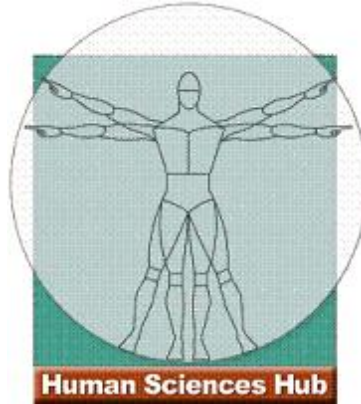


# Defence Human Sciences Symposium 2012



13-16 November 2012

Mawson Centre, University of South Australia, Mawson Lakes Campus

Symposium Theme:

*Pushing the Boundaries of Human and Organisational Performance*

Hosted by the Defence Science & Technology Organisation  
Land Operations Division

The Defence Human Sciences Symposium (DHSS) is the principal Australian forum for those interested in the application of human sciences research to enhance defence capability. The DHSS is sponsored by the Defence Science and Technology Organisation (DSTO) Human Sciences Hub, and this year it will be hosted by Land Operations Division (LOD) in Adelaide, South Australia.

**Symposium Theme.** The theme for this year's symposium is 'Pushing the Boundaries of Human and Organisational Performance'. The Australian Defence Force (ADF) and the defence forces of our allies alike operate in increasingly complex arenas where their personnel are required to apply their knowledge, skills and experience to make time-critical decisions that can have global implications. As a result, Defence organisations need to become more agile and adaptive, and be supported by systems and cultures that foster innovation, creativity and flexibility, if they are to meet the demands placed upon them. As new technological opportunities are seized, our warfighters and the organisations that support them are being pushed to the limits of their capability in new ways.

These issues highlight the centrality of the human in defence research and call for Defence and other research communities alike to take a more innovative stance. This could include the development of new concepts and theories to describe and explain human and organisational performance, and the development and application of novel methodologies to measure such performance. Existing theories, methods, and approaches may also need to be refined and refreshed. These efforts will help to generate a body of useful knowledge that can enhance current and future defence capability.

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**Preliminary Program.** Due to overwhelming interest in previous years' symposia, the symposium program will now take place over four days, and include a number of keynote speakers, one day of workshops, and three days of plenary sessions (including a special focus on the Human Dimension). In addition, there will be plenty of networking opportunities during the symposium itself and at the symposium dinner. The organising committee is keen to put together a varied program and welcomes abstract submissions in the following areas:

## Human Performance

- Cognition and Perception
- Deployed Forces
- Physiology and Nutrition
- Workload and Fatigue

## Human Systems Analysis

- Command and Control
- Ergonomics and Human Systems Engineering
- Human Systems Integration
- Training and Education

## Organisational Effectiveness

- Health and Safety
- Organisational Culture
- Personnel Selection and Retention
- Workforce Planning

## Methodologies

- Ethics
- Measures and Metrics
- Modelling and Simulation
- Tools and Techniques

The above topics are indicative rather than all-inclusive. Any area that directly relates to enhancing human sciences capability will be strongly considered.

## Further information:

Email: [DHSS@dsto.defence.gov.au](mailto:DHSS@dsto.defence.gov.au)

Web: [www.dsto.defence.gov.au/dhss2012/](http://www.dsto.defence.gov.au/dhss2012/)