

Call for Submissions

Defence Human Sciences Symposium 2014

19th to 21st November 2014
Adelaide, South Australia

Symposium Theme:
“Crossing Discipline Boundaries:
Integrating the Human Sciences into Defence and National Security
Research.”

Hosted by the Defence Science & Technology Organisation

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. This year the conference has organised a shared day between the DHSS and the Human Factors and Ergonomics Society of Australia (HFESA) Conference, as part of the newly formed HFESA Defence Special Interest Group.

Symposium Theme. The theme for this year’s symposium is “Crossing Discipline Boundaries: Integrating the Human Sciences into Defence and National Security Research.” The Science and Technology challenges for Defence are frequently multidisciplinary in nature, requiring the integration of approaches across a number of scientific domains. This theme not only champions dedicated human science research, but also provides a forum to explore the broader opportunities of working together with other scientific disciplines to create maximum impact for defence capability.

Preliminary Program. The symposium program will take place over three days, and include a number of keynote speakers as well as technical workshops. The opening day of the symposium on the 19th will be held at the National Wine Centre, with the remaining days being held at the DSTO Edinburgh site. The shared day will allow DHSS and HFESA delegates to move freely between both conference programs. The Organising Committee for DHSS is aiming for a diverse program. Abstract submissions are invited for paper and poster presentations, as well as workshops in a wide range of topics including, but not limited to, the following:

Human Performance

- Anthropometry
- Deployed Forces
- Nutrition
- Cognitive Performance: from Perception to Decision Making
- Physiology

Human Systems Analysis

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

Human Sciences in National Security

- Social and cultural analysis of groups
- Evaluation of software tools and techniques
- Mathematical and statistical modelling of social processes
- Cyber security
- Social media exploitation

Organisational Effectiveness

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

Methodologies

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

The above topics are indicative rather than all-inclusive. All submissions that directly relate to enhancing Human Sciences Capability will be considered.

Abstract Submissions

- Abstracts of no more than 500 words (formatted according to the attached template) should be emailed to DHSS@dsto.defence.gov.au by 8th August 2014.
- Abstracts will be subjected to a blind peer review, so please email us a second copy of your abstract with all authors' names removed
- The authors will be notified of the review outcomes by 5th September 2014.
- The review committee will accept submissions describing theoretical and applied research, as well as discussion papers, and papers describing work-in-progress.
- All submissions should be Unclassified.

Registration. Registration costs and details will be announced soon.

Contacts. If you have any enquiries please email DHSS@dsto.defence.gov.au

Webpage <http://www.dsto.defence.gov.au/event/dhss2014/>