

**From:** HUMS2017 <HUMS2017@humsconference.com.au>  
**Sent:** Tuesday, 16 August, 2016 4:01 p.m.  
**To:** [REDACTED]  
**Subject:** Final call for all abstracts for the Tenth DST-Group\* International Conference on Health and Usage Monitoring Systems (HUMS2017)

Thank-you to all who have already submitted an abstract.

The final deadline for all abstracts for both peer and non-peer reviewed papers for the Tenth DST-Group\* International Conference on Health and Usage Monitoring Systems (HUMS2017) is **19<sup>th</sup> September 2016 (Midnight AEST)**.

### **Abstract submission**

The abstract submission template is available from the HUMS2017 webpage at "Abstract Template" on [www.HUMSconference.com.au/Forms.html](http://www.HUMSconference.com.au/Forms.html). Some computer systems block download of Word Files such as the template. If this happens to you, please send an email (either to this address or [papers@HUMSconference.com.au](mailto:papers@HUMSconference.com.au)) and we will forward the template by email.

Submit through the AIAC17 congress portal [here](#), or follow the links from the [AIAC17 website](#). Late submissions will only be considered at the discretion of the HUMS Conference Committee, and may need to be submitted directly to [papers@HUMSconference.com.au](mailto:papers@HUMSconference.com.au).

HUMS2017 will be held in conjunction with the 2017 Australian International Airshow (see [www.airshow.com.au](http://www.airshow.com.au)) and the 17th Australian International Aerospace Congress (see [www.AIAC17.com](http://www.AIAC17.com)) starting 26th February and completing 2nd March 2017. The formal papers will be presented at the Melbourne Cricket Ground (MCG) Conference Centre and the Technology Sessions on either the 1st or 2nd March will be at the Airshow (Avalon Airport). More details will be added to our website ([www.HUMSconference.com.au](http://www.HUMSconference.com.au)) and the AIAC17 website as they are decided.

As usual in recent times, we will be using a broad definition of HUMS covering all Health and Usage Management regimes and not restricted to aircraft, but also other platforms including land and sea vehicles and other aspects such as data management and logistics aspects. Samples of previous conference papers can be found on the Papers page of the HUMS website. Previous attendees have included regulators, operators (including civil and defence from Europe, USA, UK, Australia and New Zealand), suppliers (including all major HUMS manufacturers), aircraft/helicopter manufacturers (from Europe, UK, USA, South Africa, etc), consultants and academia (including Universities in USA, UK, Europe and Australia).

Accordingly, we are now seeking abstracts that cover health and usage monitoring and management for helicopters, fixed-wing aircraft, land and sea vehicles and other mechanical equipment. Specific topics include:

- Condition monitoring and health management
- Life and Usage management
- Condition Based Maintenance (CBM)
- Diagnostics and Prognostics

- Rotor track and balance
- Vibration and acoustic analysis
- Wear debris analysis
- Structural Loads & Health Monitoring
- Cost-Benefit models
- Data Management schemes
- Sustainment Asset Management
- HUMS Certification, Qualification or Validation & Verification

HUMS2017 Committee

**\* Defence Science and Technology Group (DSTG) was formerly known as Defence Science and Technology Organisation (DSTO)**

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