

Call for Abstracts: HUMS2021

Dear Sir/Madam,

The 12th Defence Science and Technology International Conference on Health and Usage Monitoring (**HUMS2021**) will be held in Melbourne from 22–25 Nov 2021, in conjunction with the 19th Australian International Aerospace Congress (AIAC19), and the 2021 Australian International Airshow and Aerospace & Defence Exposition.

[Abstract submission](#) is online only through the AIAC19 web portal. Choose the HUMS theme during the submission process.

The Defence Science and Technology Group (DSTG) series of HUMS conferences commenced in 1999 at Fishermans Bend, Melbourne, Australia, and is an established biennial international event featuring health and usage monitoring and management for aircraft (fixed wing, helicopters and unmanned aerial systems), land vehicles, marine vehicles, and other mechanical equipment. The conference brings together industry, academia, defence and user communities to discuss the latest developments, research and applications.

Increasingly, platform health, at the sub-system, system or fleet level, is being managed using condition monitoring, condition-based maintenance (CBM), prognostic or predictive maintenance approaches. All these practices rely on health management systems providing data and information for decision support, for mission assurance, availability, and safety of critical and high-value assets.

#### **HUMS2021 Themes**

- Diagnostics and Prognostics
- Vibration, RT&B or acoustic analysis
- Structural Loads Monitoring
- Wear Debris Analysis
- Sensors and Algorithms
- Health and Life Management
- Data analytics Applications
- Platform Asset Management

To see the full list of topics covered by the conference and to keep up to date, visit our website at [www.humsconference.com.au](http://www.humsconference.com.au)

**HUMS2021 Chair:** Joanna Kappas from DST.

**HUMS2021 Sponsor:** [ETMC Technologies](#)

We look forward to seeing you there

**HUMS2021 Committee**

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