



# 11<sup>th</sup> International Conference on Through-life Engineering Services (TESConf 2022)

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Call for papers and workshops  
**7-9 November 2022**

Conference sponsor



Through-life  
Engineering  
Services



# The Through-life Engineering Services (TES) Centre at Cranfield University is delighted to announce the 11<sup>th</sup> International Conference on Through-life Engineering Services 2022 (TESConf2022).

TESConf2022 brings together academia and industry to engineering solutions supporting the lifecycle of complex and long-life assets. This CIRP-sponsored conference blends research and industrial solutions related for approaches that enable and optimise the value and the cost in-use. The topics explore design, functionality, performance, reliability and prognosis of life of engineering assets. The research streams cuts across the lifecycle with an emphasis on understanding the design and management to extend life. This year, the conference focuses on the following areas and topics:

<b>Digitalisation in TES</b>	<ul style="list-style-type: none"><li>• Digital transformation</li><li>• Digital twins</li><li>• AR/VR</li></ul>
<b>Industrial Product Service Systems (IPSS)</b>	<ul style="list-style-type: none"><li>• Business models</li><li>• Design for Service</li><li>• Design for Prognosis</li></ul>
<b>Lifecycle Management</b>	<ul style="list-style-type: none"><li>• Maintenance and Optimisation</li><li>• Repair Technologies</li><li>• Health monitoring</li></ul>
<b>TES for Sustainability</b>	<ul style="list-style-type: none"><li>• Life-extension approaches</li><li>• Advanced Manufacturing</li><li>• Application-tuned Materials</li></ul>







## Preliminary dates:

<b>15 December 2021</b>	Submission of special technical session / industrial workshops / tutorial proposals
<b>1 April 2022</b>	Submission of 300 word abstract
<b>15 June 2022</b>	Full length paper submission
<b>15 August 2022</b>	Notification of acceptance of full papers and start of conference registration
<b>3 September 2022</b>	Final camera-ready full paper submission

## Registration

<b>1 August 2022</b>	Start of registration
<b>7-9 November 2022</b>	Conference

[www.cranfield.ac.uk/TESConf2022](http://www.cranfield.ac.uk/TESConf2022)





## Call for industrial exhibitions

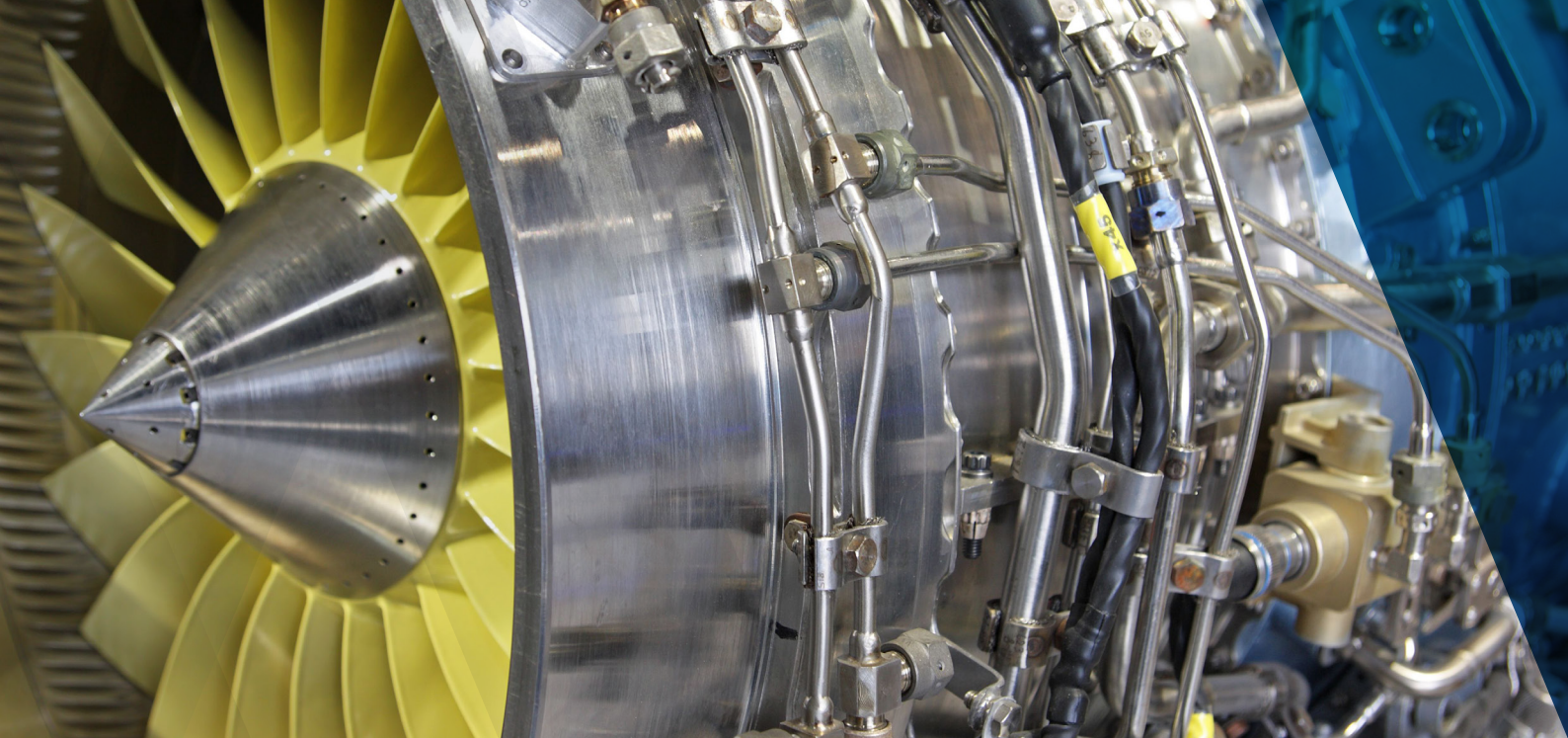
Organisations are invited to book a stand to exhibit their products and services related to TES. The conference will showcase their exhibits in front of their potential customers and network with world-class academics for future collaboration.

## Paper submission

The Organising Committee invites authors to submit extended abstracts or manuscripts with significant scientific results with a maximum of six pages. All contributions will be peer-reviewed to evaluate their merit prior to being accepted and published in an open access repository with their corresponding DOI.

Based on the reviewer's report and the presentation at the conference, the panel will make recommendations to the committee, and the top manuscript will be invited to submit an extended paper for a special issue in the *CIRP Journal of Manufacturing Science and Technology* for publication.





## Workshops

The conference will host academic and industry workshops during the conference in the areas of digital service engineering, repair technologies for advanced materials composites, degradation assessment using non-destructive testing, diagnostics, prognostics, and health monitoring to name a few.

## Session proposals

The conference organising committee invites experts to host both academic and industry sessions within the conference area and topics. We invite you to send us a proposal (500 words max) with a title for the session, proposal for a session chair and the area they wish to conduct this session.





## Conference fees

A separate registration (full or student) is required for each accepted paper to be included in the conference proceedings

### Conference fees

Early bird and author registration (1 September 2020)	<b>£375</b>
General/author registration fee	<b>£475</b>
Student author	<b>£275</b>
Virtual/online delegate fee	<b>£175</b>

### Exhibition space and delegates

Exhibition rate, including one delegate	<b>£800</b>
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## Organising committee:

**General Chair:** John Ahmet Erkoyuncu, Cranfield University, UK

**Programme Chair:** Gustavo M Castelluccio, Cranfield University, UK

**Local Organising Chair:** Pavan Addepalli, Cranfield University, UK







## Contact

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[www.cranfield.ac.uk/TESConf2022](http://www.cranfield.ac.uk/TESConf2022)

