

9th International Conference on Through-life Engineering Services (TESConf 2020)

Call for papers and industrial workshops

3-4 November 2020

Cranfield
University

Through-life
Engineering
Services



TESConf 2020 brings together academia and industry to deliver engineering solutions for the life of complex and long-life assets. This blends research and industrial solutions related to processes and methods that can optimise the value and cost in-use.

The topics will explore functionality, performance, reliability and availability as well as cost in-use for long-life engineering assets, such as planes, ships, land-based vehicles, power-plants, heavy machinery and buildings. The research streams cut across the entire life cycle with an emphasis on understanding the through-life implications. The overview below breaks down the areas and topics that will be covered in TESConf 2020:

Design	<ul style="list-style-type: none">• Design for Prognosis• Design for Service
Manufacture	<ul style="list-style-type: none">• Advanced Manufacturing e.g. Additive Layer Manufacturing• Application-tuned Materials
Maintain	<ul style="list-style-type: none">• Maintenance and Optimisation• Repair Technologies
Dispose	<ul style="list-style-type: none">• Sustainable Manufacturing• Re-manufacturing





Preliminary dates:

1 December 2019	Submission of special technical session/industrial workshops/tutorial proposals
1 March 2020	Submission of paper abstract proposals (max 300 words with title, full details of the authors and their contact details)
3 May 2020	Full length paper submission
12 July 2020	Notification of acceptance of full paper
16 August 2020	Final camera ready full paper submission

Registration

1 September 2020	Author and early bird registration
1 October 2020	Late conference registration

www.through-life-engineering-services.org/index.php/tesconf/details



Full papers

The TESConf 2020 organising committee invites you to present significant scientific results undertaken in this area. Peer reviews of the full paper will be undertaken as part of the publishing process. If accepted, an oral presentation is scheduled at the conference. All accepted full papers will be published online in *Procedia Manufacturing*. Selected papers may be published after further extensive improvement as a special issue in *Elsevier Journal*¹.

Session proposals

Industry and academic experts can host sessions within the conference area and are welcomed to do so. To host a session send us a proposal (500 words max) with the title, chair and topic area.

Poster submission

The conference organising committee invites you to submit posters. The authors propose an abstract for the poster and will produce a two page extended abstract for peer review. If accepted, the poster will be entered into the competition and the two page extended abstract will also be recommended for publication².





Industry workshops

There will be multiple industry workshops during the conference spanning many topics including digital service engineering, repair technologies for advanced materials /composites, degradation assessment using non-destructive testing, diagnostics, prognostics and health monitoring, to name a few.

Call for industrial exhibition

Organisations are invited to book a stand to exhibit their products and services related to TES. This provides organisations with a unique opportunity to showcase their work to a new audience, prospective customers and network with world-class academics on future collaboration. Previous exhibitors include Nikon Metrology, CILT, Atkins Global, IIOM, FLIR, BMT, Agility3, Cassidean, Ridgetop Europe, Software AG and Team Defence.

¹ The details will be confirmed after publisher agreement

² Subject to contractual agreement with publisher

Please note

The invitation to submit an abstract does not constitute an offer to pay travel, accommodation or registration costs associated with the conference. Similarly, no speaker fee is paid to successful participants. All speakers must register for the conference and forward the appropriate registration fee. In specific cases, the organisation reserves the right to deviate from the foregoing.

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)	£475
General/author registration fee	£550
Student author	£350

Exhibition space and delegates

Exhibition rate, including one delegate	£700
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Registration fee includes attendance to the Gala Dinner on Tuesday 3 November 2020 at the Woburn Sculpture Gallery. (A fee of £100 is payable for any additional guests you wish to attend).

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.through-life-engineering-services.org

Conference sponsors

TESConf 2020 is a CIRP sponsored event

