



**For Immediate Release**

**7<sup>th</sup> October 2025**

**SAMPE UK & Ireland Chapter**  
(‘SAMPE’ or the ‘Chapter’)

**SAMPE UK & Ireland Chapter Opens Call for Papers for 2026 Annual Conference:  
Advanced Materials & Manufacturing – From Microstructures to Megastructures**

The SAMPE UK & Ireland Chapter has announced its Call for Papers for the 2026 Annual Conference, titled Advanced Materials & Manufacturing: From Microstructures to Megastructures, taking place on 11 February 2026 at Sigmatex, Runcorn.

This flagship one-day event will unite engineers, scientists, and innovators from across the composites and advanced manufacturing community to share the latest research, technological developments, and practical applications shaping the future of engineering.

The conference will explore how innovation in materials and processes can be optimised across scales, from microstructural engineering and novel materials development to full-scale industrial implementation and megastructural design. Focusing on bridging the gap between academic research and industrial application, SAMPE 2026 provides a platform for research with high potential for real-world impact.

Topics of interest include:

- Advanced composites and hybrid materials.
- Sustainable and bio-based innovations.
- Process optimisation and high-rate manufacturing.
- Automation, AI, and digital manufacturing.
- Simulation, modelling, and digital twins.
- Structural design and performance optimisation.
- Non-destructive testing and evaluation.
- Joining, bonding, and repair technologies.
- Lightweighting for aerospace, automotive, and defence.

Researchers, academics, and industry specialists are invited to submit abstracts by 30 November 2025, outlining the innovation, methodology, and application potential of their work.

Abstracts should be submitted to [info@sampe.org.uk](mailto:info@sampe.org.uk).

Accepted authors will be invited to present their research at the event and may be featured in the post-conference proceedings.

For further details and submission guidelines, visit <https://sampe.org.uk/annual-conference>.

— Ends —

### **Notes to Editors:**

### **About SAMPE**

The Society for the Advancement of Material and Process Engineering is the leading global body for engineers and technologists associated with the processes in advanced materials. Comprised of four Regions in Europe, Japan, China, and North America, the Society is devoted to the promotion of technical developments and innovations made in advanced material engineering, while accommodating over 6,000 professional engineers and scientists. Since its establishment in 1945, the Society has gained more than 15,000 members from 40 individual Chapters worldwide.

[www.sampe.org.uk](http://www.sampe.org.uk)

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*Images are available on request*