



Smart Material & Piezo Applications Forum
September 16–18, 2026, Dresden, Germany

International Symposium on Piezocomposite Applications ISPA

Invitation

We invite industry professionals, engineers, and researchers to submit abstracts for the **International Symposium on Piezocomposite Applications – ISPA 2026** with focus on »Where Frontiers Meet.«

ISPA is the leading international platform dedicated to piezo-ceramic composite technologies and their role in advancing component performance in extreme environments and mission-critical applications. The symposium brings together innovators from industry and research who are driving progress in the field, providing a space to present breakthroughs, exchange insights, and discuss how exclusive material technologies meet very demanding real-world challenges – from the deep ocean to outer space, and from micro-scale sensors to large-scale structural actuation.

At the same time, we keep an eye on the entire value chain of piezocomposites, from piezoceramic and other piezoelectric materials, and component technologies to applications – always taking into account regulatory requirements for the production and use of materials. Recent findings in advanced characterization methods and equipment are of particular interest. In addition, ISPA 2026 encourages submissions related to piezoelectric composites designed for extreme thermal, mechanical, or chemical conditions and application cases from aerospace, navy, energy, mobility, and other sectors facing frontier challenges.

ISPA takes place in Dresden, one of Germany's leading innovation hubs – and one of Europe's most beautiful cities.

ISPA is organized by Fraunhofer IKTS together with Smart Material GmbH.

Dr. Holger Neubert
Fraunhofer IKTS

Thomas Daue
Smart Material GmbH

Call for Papers

ISPA 2026 will include invited lecturers as well as papers by contributing authors. You are kindly invited to submit an abstract by e-mail to ispa@ikts.fraunhofer.de no later than April 30, 2026 (max. 250 words, pdf/word file, incl. authors, organization, phone number, e-mail).

Key topics

- Subsea applications: piezocomposites for underwater communication, sonar, autonomous underwater vehicles (AUVs) and energy harvesting applications for self-powered sensors.
- Ultrasonic applications: piezocomposites in medical ultrasound, non-destructive testing and structural health monitoring, including ultrasound tomography and scanning acoustic microscopes.
- Electromechanical applications: learn about the latest results in the application of piezocomposite actuators and transducers in mechanical structures, e.g. for de-icing, vibration control and shape morphing.

Exhibition and Sponsoring

A sponsorship will give your organization a unique opportunity for exposure within the international ISPA community.

Exhibitor sponsor	€ 1000,- (+ 19 % VAT)
Exhibitor + give away sponsor	€ 1500,- (+ 19 % VAT)
Coffee break sponsor	€ 1500,- (+ 19 % VAT)
Logo + give away sponsoring	€ 700,- (+ 19 % VAT)

Please contact us to discuss individual sponsoring solutions.

Important Dates

April 30, 2026	Abstract submission ends
July 15, 2026	Early Bird ends
August 15, 2026	Exhibitor registration ends
September 6, 2026	Registration ends
September 16, 2026	ISPA Industry Workshop
September 17–18, 2026	ISPA Program (dinner, lab tour)

Fees

	Early Bird (until July 15, 2026)	Late Bird
Regular	€ 500,-	€ 550,-
Speaker	€ 300,-	€ 350,-
Student	€ 250,-	€ 300,-

Please register online at www.ikts.fraunhofer.de/en/ispa2026.

Contact

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