



VOLKSWAGEN

AKTIENGESELLSCHAFT



SEPTEMBER 19–20, 2013, DRESDEN

INTERNATIONAL SYMPOSIUM ON PIEZOCOMPOSITE APPLICATIONS

FIRST ANNOUNCEMENT/CALL FOR PAPERS

IMPORTANT DATES

April 19, 2013	Submission of abstracts ends
April 26, 2013	Notification of acceptance
May 10, 2013	Exhibitor registration ends
May 24, 2013	Final program
September 19–20, 2013	ISPA 2013 takes place

REGISTRATION FEES

Regular	Euro 350,-
Reduced*	Euro 200,-
Exhibitors	Euro 500,- plus 19% VAT

The registration fee includes coffee, two lunches, the conference dinner and the conference documents.

Registration will be possible with the registration form on our website www.ikts.fraunhofer.de. Please use one form for each participant.

In case of cancellation until September 12, 2013, the total fee will be refunded. After this date, a refund of the registration fee minus an administration fee of Euro 100,- is possible.

** Only students with valid student card and exhibitor second persons qualify for the reduced fee.*

HOTELS

Fraunhofer IKTS holds a block of rooms in different hotels. Room reservations should be made directly. If you make your reservation, please give the corresponding keyword in order to receive the special hotel rate.

Please visit our website for updated and more detailed information www.ikts.fraunhofer.de.

CONTACT

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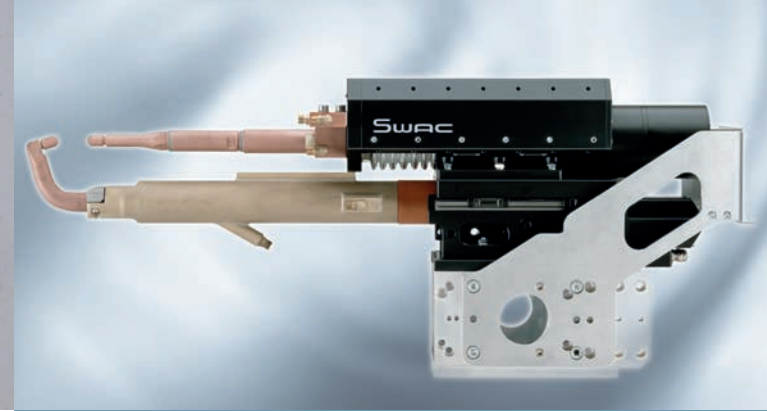
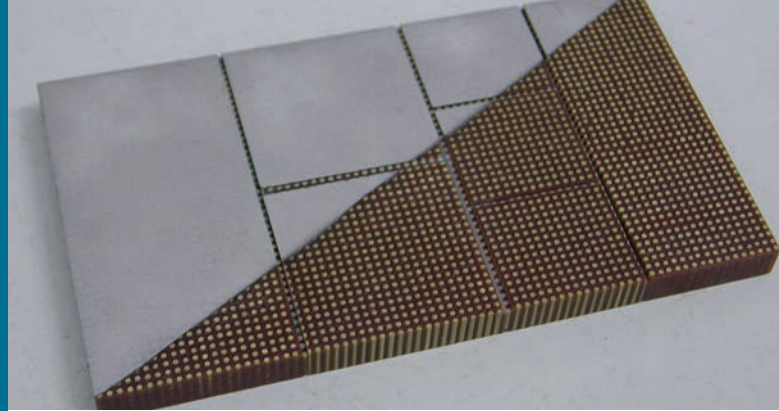
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INTERNATIONAL SYMPOSIUM ON PIEZOCOMPOSITE APPLICATIONS

SEPTEMBER 19–20, 2013

FRAUNHOFER INSTITUTE CENTER
DRESDEN, GERMANY



INVITATION

Piezocomposites combine the functionality of piezoceramics as electromechanical transducer material with the robustness and functionality of complementary constituent materials. Sensing, actuation, voltage transformation or charge generation are usable active properties. The creation of new components and structures with these intelligent material properties radically extends the spectrum of applications. Examples are smart light-weight structures of controlled shape, reduced vibration or suppressed noise, shape and position control in adaptive optical systems, wireless sensor networks for structural health monitoring, decentralized power supply by energy harvesting from mechanical vibrations or on site voltage transformation and ultrasonic transducer with improved efficiency and larger bandwidth. Progress in the field arises from cross-discipline material technologies, innovative production technologies, design skills and market requirements.

The symposium ISPA 2013 is intended to serve as a platform enabling an exchange of information on market requirements, research interests and current results, skills and resources and facilitating the building of future partnerships. Engineers, designers and managers are invited to lecture on their state-of-the-art developments and future prospects or display their products as exhibitor.

CONFERENCE ORGANIZERS

Dr. Andreas Schönecker Fraunhofer Institute for Ceramic Technologies and Systems IKTS

Thomas P. Daue Smart Material Corporation

Dipl.-Ing. Knut Schmidt Volkswagen AG

TOPICS

The topics of interest include, but are not limited to:

- Piezoelectric materials and composites
- Lead-free piezoelectrics
- Sensors, actuators, generators and transformers
- Morphing and vibration damping
- Acoustic applications
- Structural health monitoring
- Energy harvesting and sensor solutions
- Piezoelectric transducers and electronics
- Modeling, characterization, reliability
- Systems integration, future developments

CALL FOR PAPERS

The symposium will include invited lectures and contributed papers. Authors of conference papers are kindly requested to submit an abstract (max. 250 words, pdf or word file) by e-mail to ispa2013@ikts.fraunhofer.de by no later than April 19, 2013. Please underline the presenting author and add the complete address, phone number as well as e-mail address. Abstracts will be reviewed by the conference organizers by April 26, 2013.

EXHIBITION

The symposium is supplemented by an accompanying product show. A standard booth (approx. 5 m²) includes table, poster board (A0) and 240V AC power supply. The fee for exhibitors is 500 Euro (plus 19% VAT). If you are interested to present your company at ISPA, please use the registration form on the internet: www.ikts.fraunhofer.de. After your registration we will contact you soon for further arrangements. The list of exhibitors will be published in the conference program and on the conference website.

Please contact us if you are looking for other attractive opportunities to promote your company/organization at this international event. We will offer you a tailor-made solution.