## Welcome

ACTUATOR is a major biennial event bringing together leading experts, suppliers and users in the field of new actuators and low-power electromagnetic drives from all over the world.

The invitation to attend ACTUATOR is aimed at executives and researchers from industrial companies as well as institutes, colleges and universities who are interested in the transfer of R&D results into innovative actuator applications and drive technologies.

### **ACTUATOR 2022** – together with you on an international stage

With about 400 participants from more than 20 countries, the International Conference on New Actuator Systems and Applications has been the most important place to meet leading international specialists, to share their expertise and to start business co-operations in the field of new actuator technologies.

#### **ACTUATOR** – the key forum for actuators

based on smart materials and micro technologies as well as their applications in all areas of engineering for thirty years now. Over the years, a huge variety of excellent ideas and results have been reported. A lot of them have been raised from vision to mass product. Among the success stories you will find quite a number of established applications of new actuators, in particular their well-known use in fuel injection, adaptive shock absorbers, nanopositioning, precision engineering like camera lenses and other applications of miniaturized drives.

## **New product generations**

In this way, ACTUATOR has launched the realization of new product generations with outstanding compactness and high performance properties which so far have not been achieved in conventional technologies. A small wonder that based on this ignition, resulting in gaining access to new markets.

#### The Exhibition

The Exhibition on New Actuator Systems and Applications will present components, system approaches and applications of smart actuators and low-power electromagnetic drives based on conventional (electromagnetic) and innovative working principles (new actuators), and associated subjects. The range of topics also includes measurement techniques, control concepts and circuits, driver components and units, system integration, layout and simulation tools etc.

Organising Committee of ACTUATOR

# **Programme Committee 2022**

We appreciate the support of the following experts:

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Morita, Takeshi | The University of Tokyo, Japan

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