



1st International Electronic Conference on Actuator Technology: Materials, Devices and Applications

Session: **Miniaturized and micro-actuators**

Free live onlinesession • November 24, 2020 • 14:00 – 17:15 AM GMT+1

[Register for free here now](#)Time (GMT+1) **November 24th****14:00-14:05 Introduction to the session, Session Chairs**Keynote talk
14:05-14:45**Prof. Jürgen Rühle**, University of Freiburg, Germany*working Hand in Hand: Cooperative (Micro-)Actuators and Actuator Fields*Invited talk 1
14:45-15:15**Dr. Christof Megnin**, KIT, Germany*Commercialization of SMA microactuators*Invited talk 2
15:15-15:45**Prof. Igor Gaponov**, Innopolis University, Russia*Twisted String Actuators in Robotics: Design, Control, and Applications*Invited talk 3
15:45-16:15**Dr. Victor Ruiz**, University of Castilla-La Mancha, Spain*linear motors based on Piezoelectric MEMS*Invited talk 4
16:15-16:45**Dr. Zhi Li**, Physikalisch-Technische Bundesanstalt (PTB), Germany*MEMS Picoindenter with exchangeable AFM cantilever as an indenter for nanomechanical characterisation of micro- and nanomaterials***16:45 – 17:15 Wrap up and concluding remarks, Session Chairs****Session initiators and Chairs****Prof. Dr. Manfred Kohl**
Karlsruhe Institute of
Technology, Karlsruhe,
Germany**Dr. Kirill Poletkin**
Karlsruhe Institute of
Technology, Karlsruhe,
Germany