

LIGHT.TOUCH.MATTERS

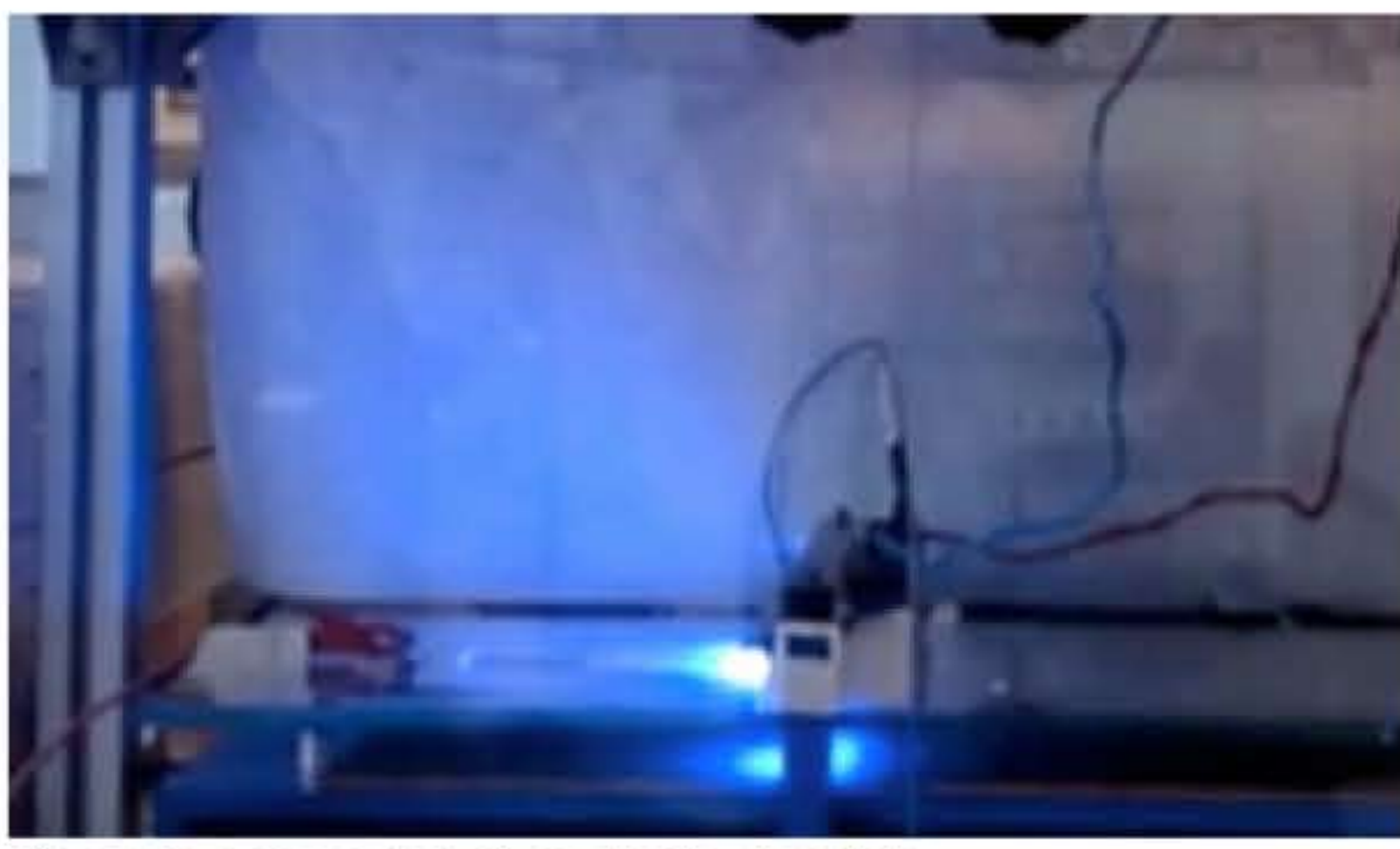
PIEZO PLASTIC SENSORS



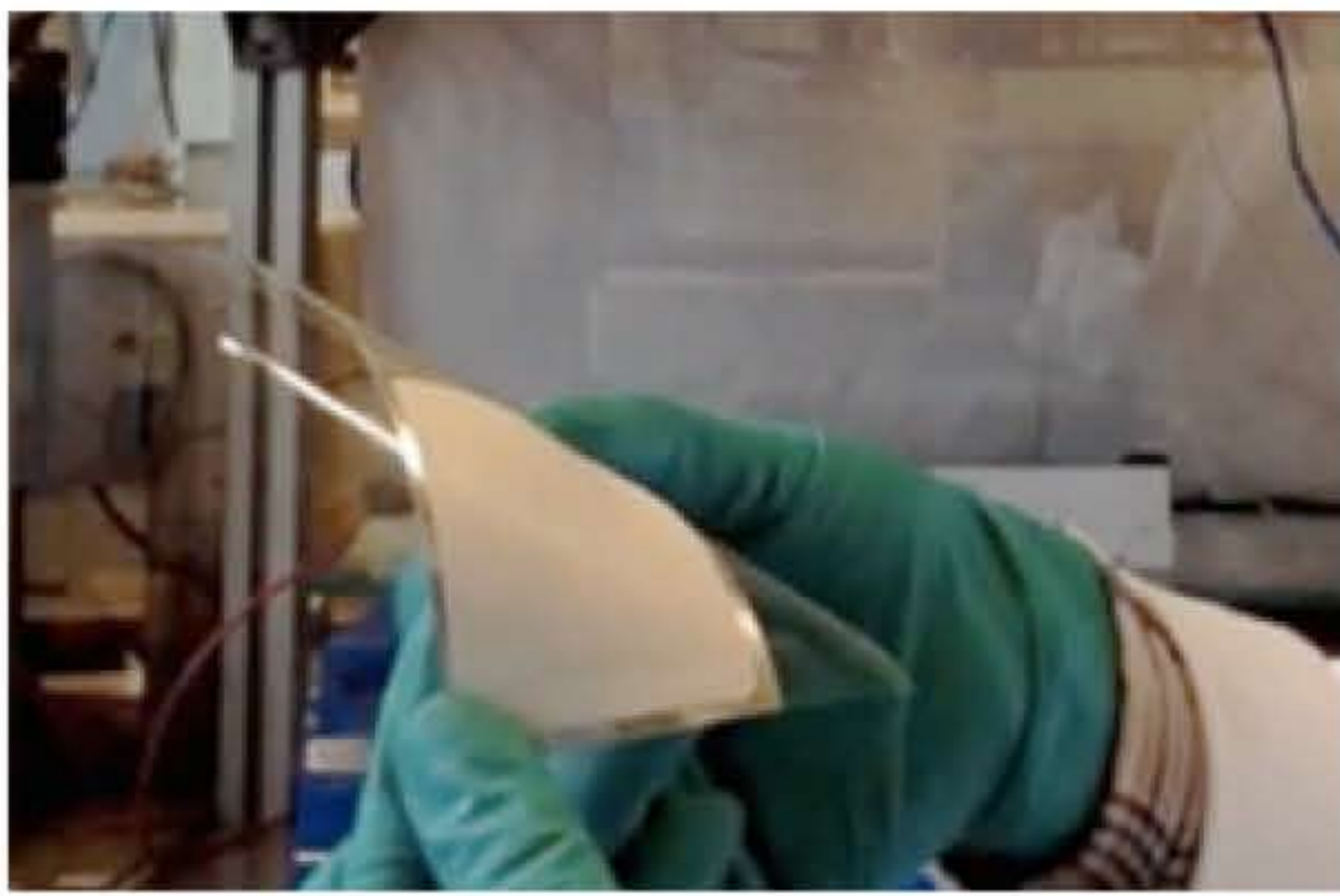
LEAD FREE PIEZO PLASTICS



Dielectrophoresis of KNLN particles in UDMA, at 1kHz and 1kV/mm



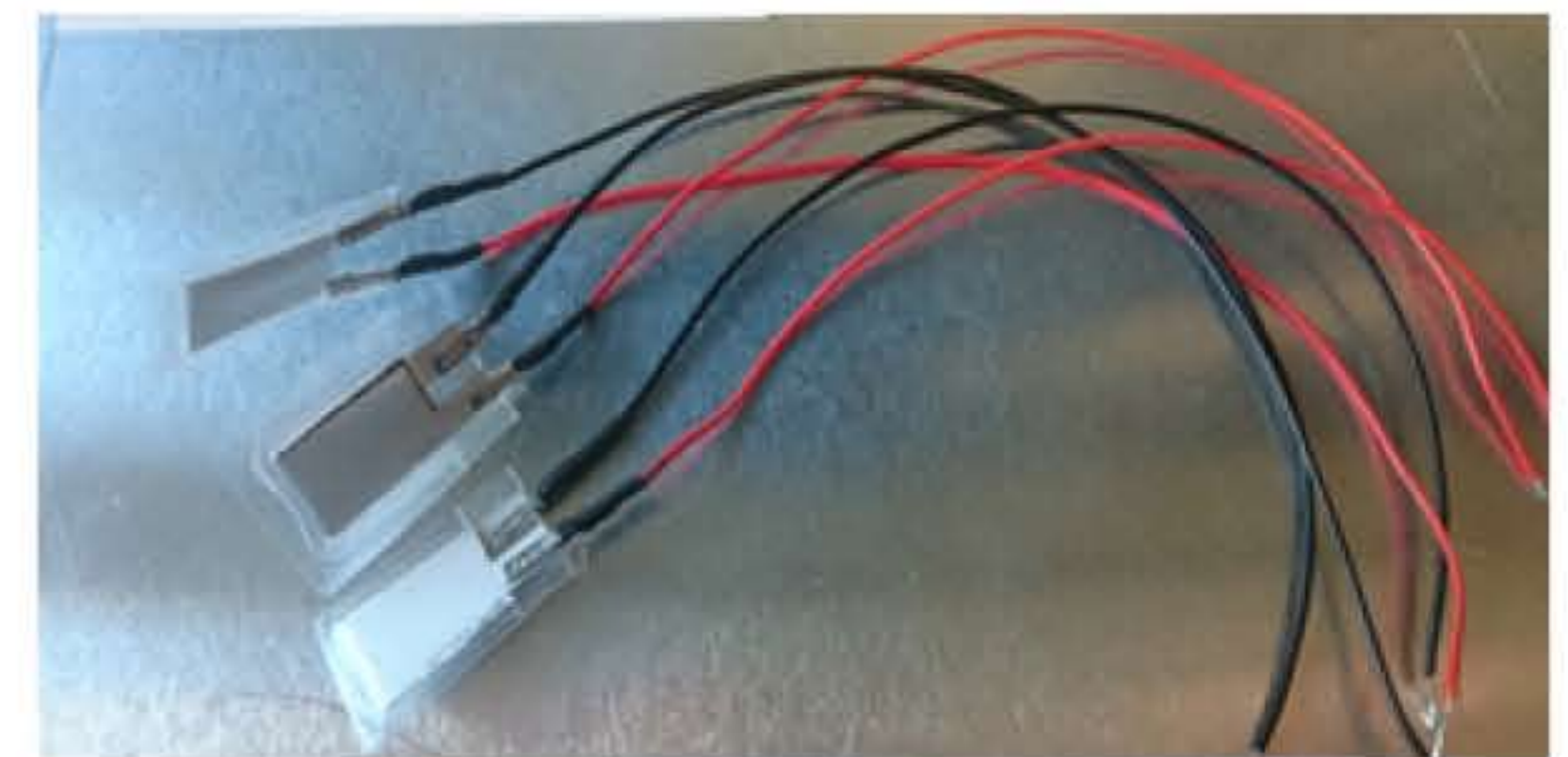
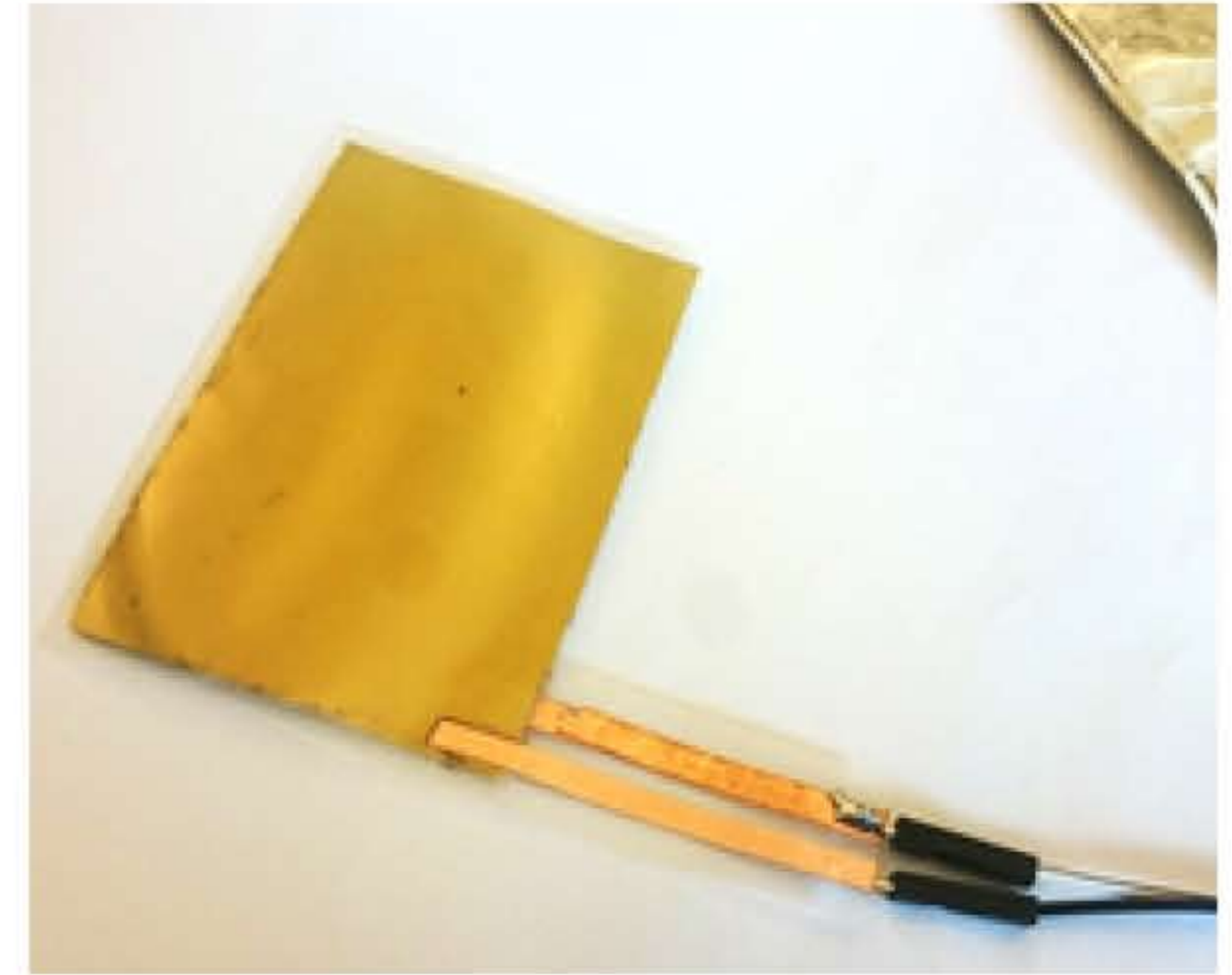
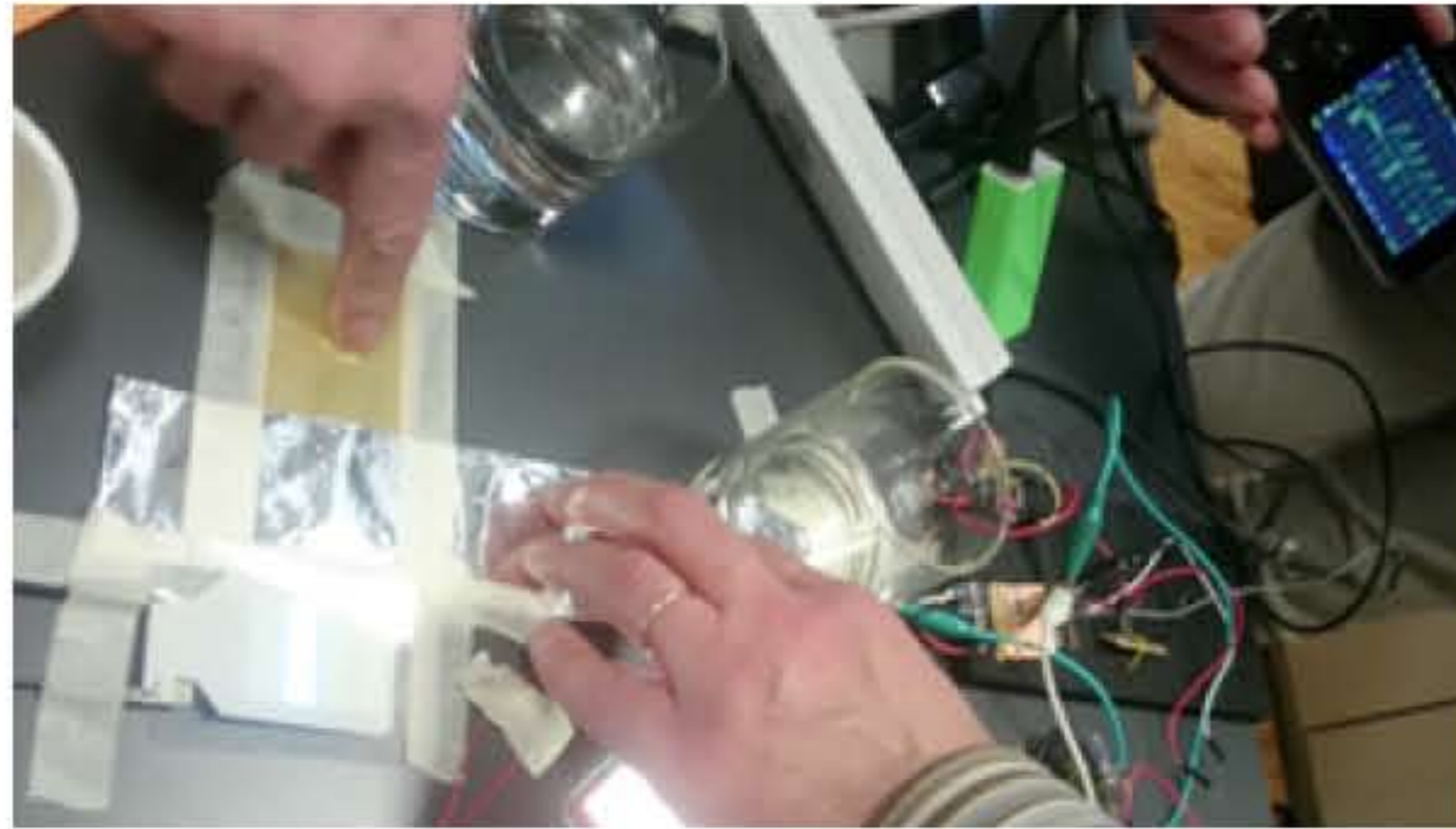
Structuring and curing piezo plastic, 2cm/min.



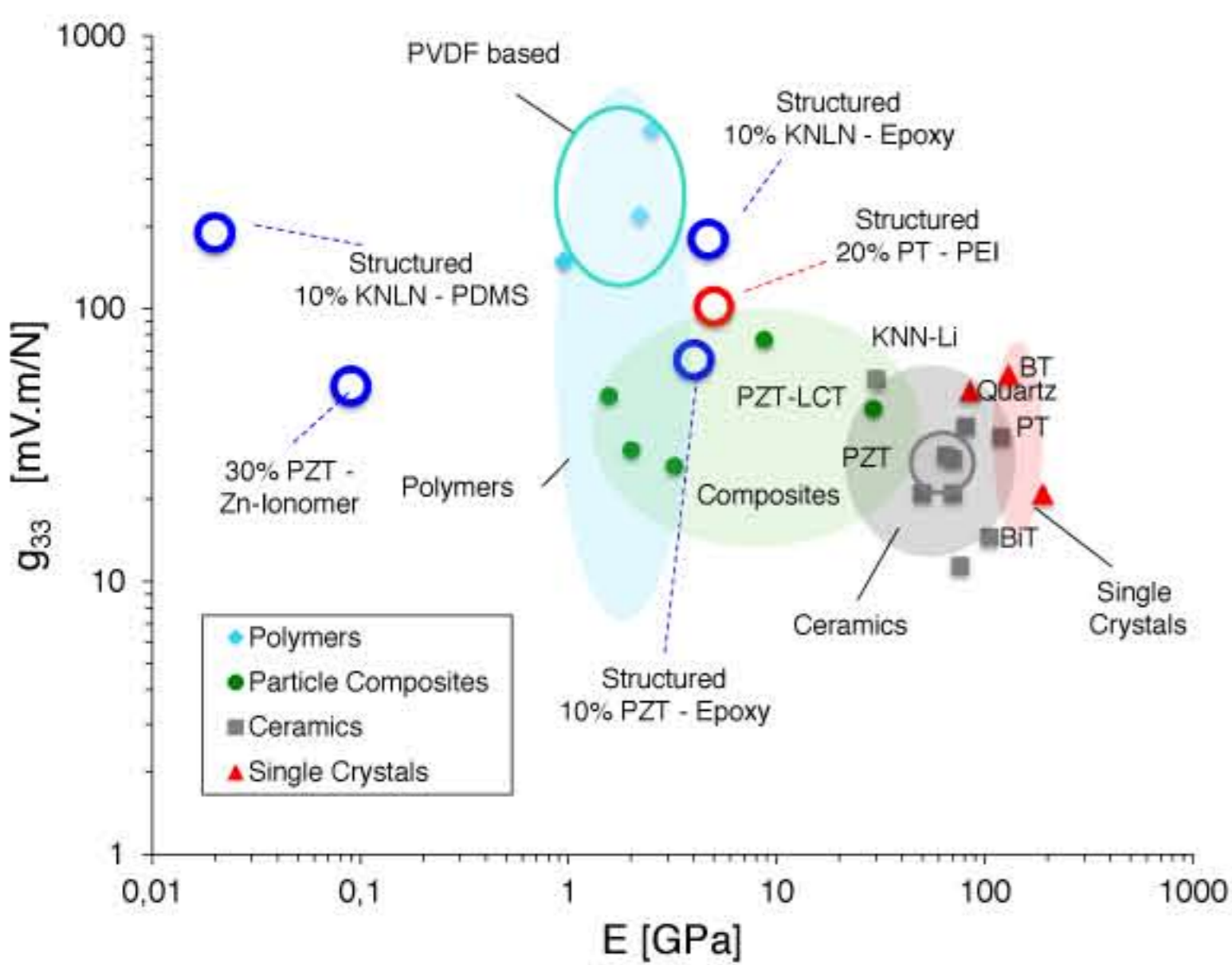
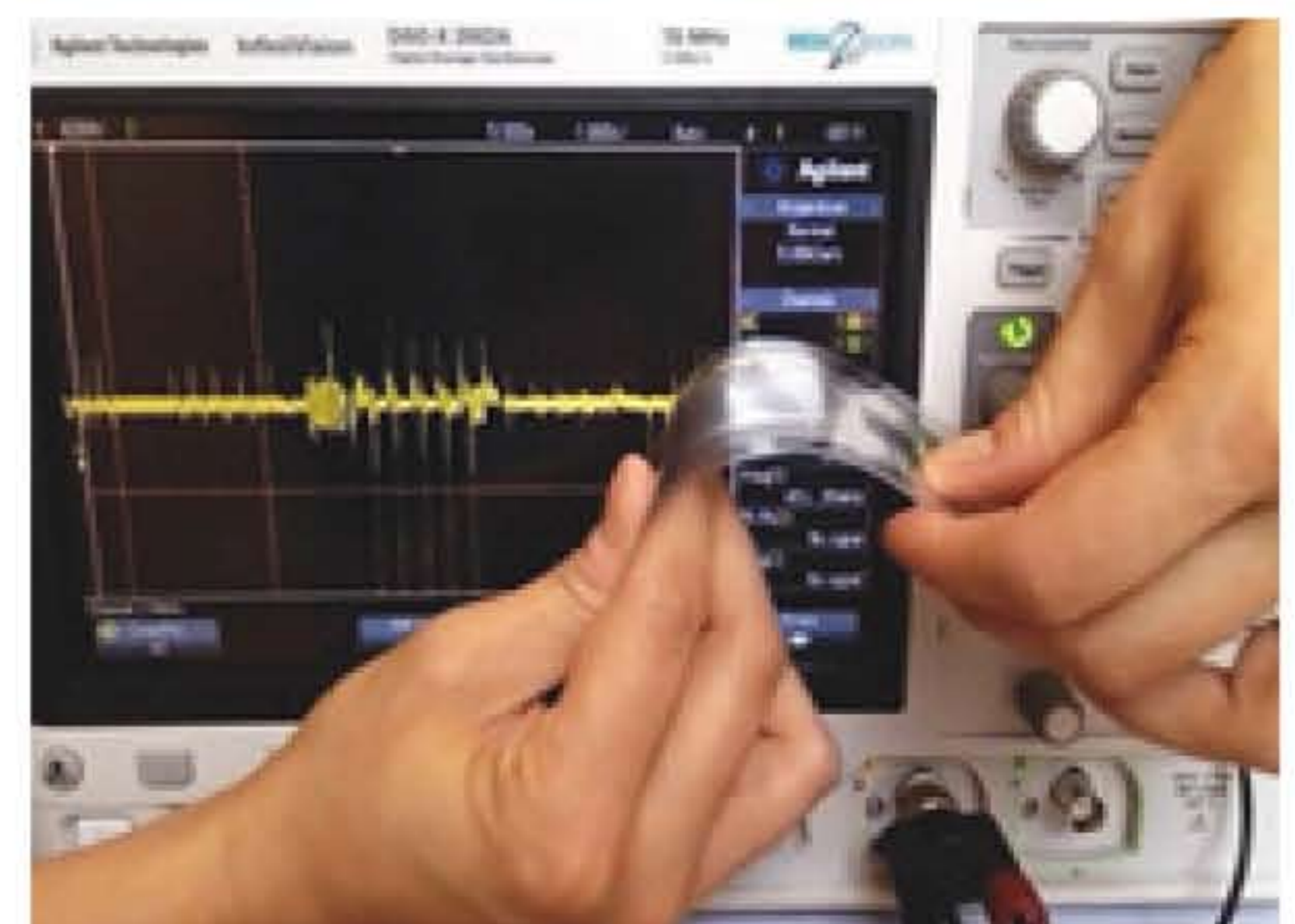
Lead-free, structured, cured piezo plastic.

PERSONAL CONTRIBUTION

Piezo plastic samples for integration and technology demonstrators.



HOW CAN WE TRANSFORM BRITTLE CERAMIC SENSORS INTO FLEXIBLE, INTEGRATABLE, UPSCALABLE, LIGHTWEIGHT PIEZO PLASTICS?



TAKE AWAY

- Need for new and innovative methods of communication.
- Disparity in time scales for development in design and materials research.

LIGHT.TOUCH.MATTERS
PRODUCING PLIANT PIEZO PLASTICS

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PROMOTORS

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the product is the interface