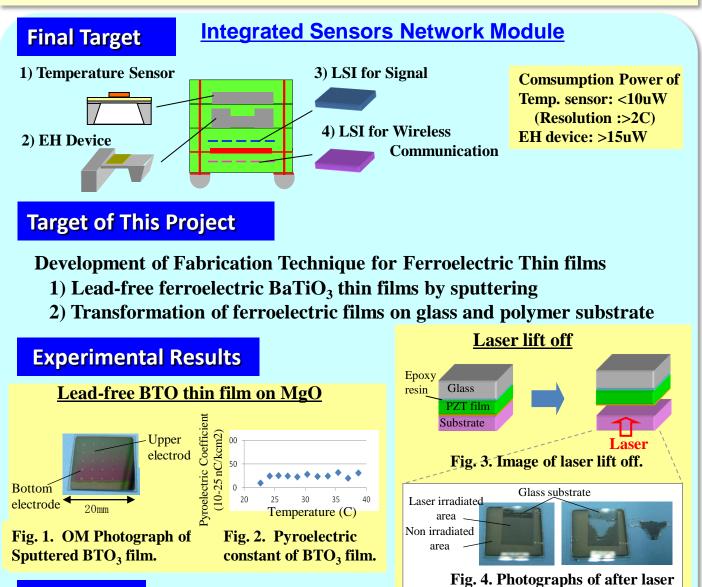
## Ferroelectric Thin Films for MEMS Sensorsand Actuatorsby T. Matsushima and I. Kanno

## Abstract

Keywords: Thin Films, Pyroelectric Sensors, Energy Harvester, Sensors Network Module

• Ferroelectric thin films for pyroelectric sensors and energy harvesting devices have been fabricated by sputter technique.



## Summary

- 1) Lead-free BaTiO<sub>3</sub> film showed high pyroelectric coefficient.
- 2) PZT films with perovskite structure were successfully transferred on glass substrates by laser lift off technique.

irradiated film.



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