

## Special Issue

# Integrated Sensing and Transducing Devices

### Message from the Guest Editor

The world today is different from the past. Due to the rapid progress of integrated circuits and advanced processes in the past decade, people's lives have greatly benefited from integrating many miniaturized sensing components and systems. This Special Issue hopes to attract experts in relevant fields to join and present their latest research progress to the world with this theme. The topic includes but is not limited to:

- Lab-on-chip;
- Novel sensing techniques and algorithms;
- Cutting-edge transducing devices;
- AI-based un-met needs to improve micromachining technology for miniaturized sensing components and systems;
- New sensing and transducing applications stemming from advanced processes in device implementation;
- Signal analysis combined with integrated sensing and transducing;
- Circuits and systems for sensing and transducing.

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### Guest Editor

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### Deadline for manuscript submissions

closed (31 October 2025)



## Micromachines

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### Message from the Editor-in-Chief

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