

## Call for papers

1. Title of Special Issue:

Collection, Processing, and Applications of Measured Sensor Signals

2. Topic Description of Special Issue:

With the rapid progress of industrialization in recent years, a wide variety of sensors have been applied in industry. For this reason, the collection and processing of sensed signals have played a crucial role in related automation fields. This has driven progress beyond traditional mechanization. Furthermore, Industry 4.0 techniques are bringing modern engineering into a new era. Therefore, more complex problems, such as in automatization, robotics, mechatronics, measurement, and control systems, can be resolved by using signal collection and processing algorithms more efficiently. Papers based on novel methodologies and implementations, creative and innovative automation systems, and integrated engineering associated with these topics are all welcome.

3. Prospective authors are invited to submit original and unpublished work on the following research topics related but not limited to this Special Issue:

- Collection and transformation of sensor signals
- Measurement and processing of sensor signals
- Image signal sensing technology
- Sensor-based measurement technology
- Sensor applications in intelligent control
- Sensor circuits in automation system integration
- Remote sensor network in automation monitoring and control
- Sensor applications in Industry 4.0
- Deep learning using sensor systems

4. Special Issue Organizer:

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5. Submission deadline: October 31, 2021

**(Attention)**

As stated in Instructions to Authors in the Guidelines, the author(s) will be obliged to pay the publication fee upon the acceptance of the manuscript for publication (for example, JPY 99360 for 10 pages in *Sensors and Materials* format). If the quality of the English of your manuscript does not satisfy the journal standards, the authors should bear the proofreading fee (JPY 10000–30000), which will be charged with the publication fee.

If you have any questions, please feel free to contact the editorial staff at the address below.

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