Special Sessions Call for Papers
The Fifth International Symposium on Computer, Consumer and Control, 2023

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Session title: *Signal Sensing, Processing and Applications*

With the rapid progress of automation techniques 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.

Topics/Areas

We invite academic researchers and industry professionals from a broad range of disciplines to submit to this special issue. Topics of interest include, but are not limited to:

- 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

All papers accepted and registered for presentation will be published in the conference proceedings, and excellent papers will be recommended for publication in the special issue of SCI(E)/ EI journals. Please note that papers must submit via the submission system website and meet the format of IS3C2023.