# Annual International Symposium on Industrial Electronics (ISIE) 2023

## Special Sessions on
## "Machine Vision, Control and Navigation"

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# Call for Papers

Theme:

This special session is related to machine vision, control, and navigation. Its development with machine learning and deep learning has attracted great interest in industrial applications. In this context, newer and more effective vision systems and deep learning approaches have become an essential part of the state-of-the-art automatic techniques in all their aspects, such as control, sensing, communication, and navigation applications. The aim is to present and highlight novel applications, methods, architectures, and techniques for machine vision, control, and navigation tasks in the engineering and research domain. Any contribution to these fields is welcome in this SS.

Topics of interest include, but are not limited to:

| 1 | Machine Vision and Autonomous Navigation |
|---|---|
| 2 | Machine learning and Deep learning in Machine Vision |
| 3 | Industrial Robots |
| 4 | Advanced Control of Robotics |
| 5 | Multi-view Stereo Vision Applications |
| 6 | Laser Scanning |
| 7 | Surface Mapping and Recognition |
| 8 | Filtering and Image Processing |
| 9 | Computer Vision |
| 10 | Swarm robotics |

# Submissions Procedure:

All the instructions for paper submission are included in the conference website**:**
**https://2023.ieee-isie.org/**

# Deadlines:

Full paper submission:                                     January 31, 2023

Paper acceptance notification:                        April 15, 2023

Camera-ready paper submission:                     April. 30, 2023