



Soft Computing, Machine Learning and Computational Intelligence for Laser Based Sensing and Measurement

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Deadline for manuscript
submissions:
closed (31 January 2022)

Message from the Guest Editors

The methods and tools applied to vision and robotics include, but are not limited to, the following:

- Computational intelligence methods;
- Machine learning and deep learning methods;
- Self-adaptation and self-organisation;
- Point cloud registration methods;
- Multimodal information fusion;
- Hardware implementation and algorithms acceleration (GPUs, FPGA,s, etc.).

The fields of application include, but are not limited to, the following:

- 3D scene reconstruction;
- 3D volume visualization;
- Gesture and posture analysis and recognition;
- Surveillance systems in public areas;
- Autonomous and social robots;
- Industry 4.0: inspection and quality control;
- Transportation systems: autonomous navigation and road inventory;
- Remote sensing: forestry, agriculture, land management.





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Message from the Editor-in-Chief

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