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

Guest Editors:

**Prof. Dr. Manuel Graña**

**Dr. Jose Manuel Lopez-Guede**

**Dr. Anna Kamińska-Chuchmała**

**Dr. Paweł Ksieniewicz**

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.

Special Issue

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**Prof. Dr. Vittorio M. N. Passaro**
Dipartimento di Ingegneria
Elettrica e dell'Informazione
(Department of Electrical and
Information Engineering),
Politecnico di Bari, Via Edoardo
Orabona n. 4, 70125 Bari, Italy

## Message from the Editor-in-Chief

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