



Hindawi

Journal of Sensors

Special Issue on

**Vision Based Sensors and Systems in Industrial Engineering**

# CALL FOR PAPERS

The recent advances in vision based sensors and systems have provided innovative solutions in the field of industrial engineering. Several industrial activities have benefited from the application of image based technology. These activities spread along all the product lifecycles and include the design stage (e.g., reverse engineering), manufacturing (e.g., machine vision for automation or custom product development), and quality control. Vision based sensors and systems improve productivity and quality management and provide a competitive advantage to industries that employ these technologies.

This special issue of sensors will focus on all innovative aspects of the research and development related to this field. Original research papers that focus on the design and experimental verification of new sensors and imaging systems, as well as papers that focus on their testing for industrial applications, are welcome.

We invite authors to contribute both reviews and original research articles that will illustrate and stimulate the continuing research in this field of the industrial engineering. Reviews should provide an up-to-date overview of the current state of the art in a particular application and include main results from several research groups.

Potential topics include but are not limited to the following:

- ▶ Reverse Engineering
- ▶ Machine vision
- ▶ Pattern recognition
- ▶ Automated inspection
- ▶ Quality control
- ▶ Optical methods in experimental mechanics
- ▶ Bioimaging

Authors can submit their manuscripts through the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/js/vbsi/>.

## Lead Guest Editor

Armando V. Razionale, University of Pisa, Pisa, Italy  
*a.razionale@ing.unipi.it*

## Guest Editors

Rikardo Minguez, University of the Basque Country, Spain  
*rikardo.minguez@ehu.eus*

Vincenzo Nigrelli, University of Palermo, Palermo, Italy  
*vincenzo.nigrelli@unipa.it*

Luca Di Angelo, University of L'Aquila, L'Aquila, Italy  
*luca.diangelo@univaq.it*

## Manuscript Due

Friday, 10 March 2017

## First Round of Reviews

Friday, 2 June 2017

## Publication Date

Friday, 28 July 2017