

# Special Issue

## Measurement Applications of Compressed Sensing

### Message from the Guest Editor

This Special Issue aims primarily at presenting a selection of successful applications. Contributions are invited to show advances in instrumentation made possible by CS in any area of engineering and science. The emphasis is expected to be on how CS has been applied, or adapted, for some specific purpose, but more theoretically oriented papers discussing instrumentation-oriented issues in CS are also welcome. Prospective authors are invited to submit their papers. Subjects may include, but are not limited to:

- monitoring in telecommunications
- medical diagnostic imaging
- monitoring and instrumentation for electrical systems
- remote sensing
- sensor networks
- compressed measurement
- signal analysis and feature extraction
- accuracy analysis of CS-based measurement methods

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### Guest Editor

Prof. Claudio Narduzzi

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### Deadline for manuscript submissions

closed (30 November 2019)



## Instruments

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## About the Journal

### Message from the Editor-in-Chief

The realization of dedicated instrumentation has always been a collateral aspect of experimental research. In addition, many groups dedicate efforts and resources solely to the development of new devices, sensors, equipment and large infrastructure, theoretical and numerical studies, and novel experimental methodologies. With Instruments we wish to address both established and emerging communities, also to favor the creation of innovative trans-disciplinary approaches. We see Instruments as an exciting high-impact journal that will soon hold a leading position in disseminating cutting edge scientific and technological research.

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### Editor-in-Chief

Prof. Dr. Antonio Ereditato

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### Author Benefits

#### High Visibility:

indexed within Scopus, Inspec, CAPlus / SciFinder, INSPIRE, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.9 days after submission; acceptance to publication is undertaken in 7.2 days (median values for papers published in this journal in the first half of 2024).

#### Recognition of Reviewers:

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