



## Compressive Optical Image Encryption

Guest Editors:

**Prof. Dr. Ayman Alfalou**

L@bisen, Yncréa Ouest, 20 Rue  
Cuirassé Bretagne, C.S. 42807,  
CEDEX 2, 29228 Brest, France

**Prof. Dr. Saad Rehman**

Faculty of Computer Engineering,  
HITEC University, Taxila 47080,  
Pakistan

**Dr. Marwa Elbouz**

LSL Team, L@bisen, Yncréa  
Ouest, 20 Rue Cuirassé Bretagne,  
C.S. 42807, CEDEX 2, 29228 Brest,  
France

Deadline for manuscript  
submissions:

**closed (20 January 2022)**

### Message from the Guest Editors

This Special Issue will gather a series of articles dealing with compressive optical image encryption. These topics highlight the importance of studying complex data treatment systems and intensive calculations designed for high-dimensional imaging and metrology for which high image quality and high transmission speed become critical issues in a number of technological applications. A second purpose is to highlight the important role of optics in actual information processing systems.

The session topics include but are not limited to the following areas:

- Optical/digital cryptography, watermarking and biometrics
- Compressive image and Compressive sensing for images
- Compressive optical image encryption
- Image compression for the medical image processing domain
- Optical cryptanalysis
- Novel devices and systems for optical information security
- Face/fingerprint/iris/person recognition, person tracking, 3D object recognition
- Liveness detection for face recognition
- Holography, phase imaging, and their applications
- Devices and systems for 3D imaging and display

Welcome to contribute.





an Open Access Journal by MDPI

## Editor-in-Chief

**Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

**Journal Rank:** JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

## Contact Us

---

Electronics Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/electronics](http://mdpi.com/journal/electronics)  
[electronics@mdpi.com](mailto:electronics@mdpi.com)  
[X@electronicsMDPI](https://x.com/electronicsMDPI)