Special Issue

Compressed Sensing in Signal Processing and Imaging

Message from the Guest Editors

Compressive or compressed sensing is an approach in signal and image processing attracting enormous attention from researchers and developers in the area of the inverse synthetic aperture radar (ISAR) technology. The motivation for its exploitation is in overcoming the constraints of Nyquist–Shannon theorem in the sampling of signals and images; this is possible only if the image and respective ISAR signal are sparse, and the latter can be decomposed on the basis of particular functions such as discrete Fourier transform, discrete wavelet transform, discrete cosine transform, etc.

Guest Editors

Prof. Dr. Andon Lazarov

Information Department, Nikola Vaptsarov Naval Academy, 9002 Varna. Bulgaria

Dr. Jacek Misiurewicz

Faculty of Electronics and Information Technology, Warsaw University of Technology, 00-665 Warsaw, Poland

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Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
electronics@mdpi.com

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Editor-in-Chief

Prof. Dr. Flavio Canavero

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

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