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Smart Sensing Systems for Spectral Imaging

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Message from the Guest Editor

Currently, hyperspectral and multispectral products are used in numerous fields, including biomedical imaging, remote sensing, the food industry, art conservation, and spectral spectroscopy. The amount of data typically captured with spectroscopic imaging systems is very large and it often can be presented in a highly redundant way.

To date, most of the effort to improve spectral imaging system performance has been made by trying to optimize the optical components. However, optimization of the optical components cannot improve the system's performance beyond the limitations set by the physical approach to sensing.

The aim of this Special Issue, entitled "Smart Sensing Systems for Spectral Imaging", is to publish new ideas and methods that focus on improving the performance of optical spectroscopic imaging sensing systems by using new approaches and designs in order to leverage the traditional paradigm. A key tool in this area is advanced mathematical and computational methods that are supported by new optical and physical designs.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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