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Remote Sensing Sensors and Processing Methods for the Study of Paintings and Works on Paper

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Deadline for manuscript submissions:

closed (31 December 2021)

Message from the Guest Editors

Dear Colleagues,

This Special Issue is focused on original research involving the use of remote sensing tools to study works of art and manuscripts. Specifically, the interest is in papers that address such areas as the development, application, and exploitation of data from sensors optimized for the study of art and manuscripts. The goal is to collect a diverse set of papers that span a wide range of remote sensing imaging modalities; for example, multispectral or imaging spectroscopy (reflectance, luminescence, thermal, etc.) and 3D imaging (stereo photography, structured light, LIDAR, etc.) coupled with a chemical imaging modality. Papers focused on performance analysis to define or give guidance for the construction of optimized sensors are also of interest. Areas of data exploitation of interest include data fusion of imaging modalities acquired with different sensors, novel algorithms that provide material maps from the exploited data, and those that contribute to codicology studies of the artifacts themselves. The works of art of interest include polychrome objects (paintings, wall paintings and sculpture) and works on paper (paintings, drawings, historical text).



mdpi.com/si/59574

Special Issue



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Message from the Editor-in-Chief

Sensors is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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