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Advanced Spectral Imaging System and Colorimetric Sensors

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Deadline for manuscript submissions:

closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

Chemical analysis based on spectral and color changes recorded with imaging devices is gaining interest. This is due to its several significant advantages, such as simplicity of use, and the fact that it is easily combinable with portable and widely distributed imaging devices, resulting in friendly analytical procedures in many areas that demand out-of-lab applications for in situ and real-time monitoring. The evolution of miniaturized electronic components such as microprocessors and microcontrollers, optical devices, image sensors, etc., has allowed for the development of portable instrumentation aimed to carry out this kind of analysis with high-level performance.

This Special Issue invites original research papers and review articles aiming to discuss the key points of the development and the use of portable spectral imaging system and colorimetric sensors.

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Special Issue



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Message from the Editor-in-Chief

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