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Novel Spectroscopy Technologies in Food: Towards On-Site (Value-Chain/Industry) Applications

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Deadline for manuscript submissions:

closed (30 September 2021)

Message from the Guest Editors

For many years, food spectroscopic methods and applications have been the subject of numerous research studies, but the corresponding actual innovations are still not significant in the food industry. In this Special Issue, we expect original and “breaking” papers, dealing with near-to-industry applications, and based on various possible technological solutions, such as:

Spectroscopy and hyperspectral imaging VIS/NIR (=VNIR)—SWIR, LWIR, MWIR; fluorescence spectroscopy; NMR and MRI on-line; X-ray on-line; LIBS = laser induced breakdown spectroscopy; Tera-Hertz spectroscopy and imaging; advanced applications and methods in chemometrics; big data applications, and any other which is relevant to this description.

The applications may deal with foods of plant origin (fruits, greens, cereals, oils, powders, bakery, etc.), animal products (meat, dairy, eggs, fish, etc.). The aim is to include high-quality contributions which enhance and demonstrate the development of instrumentation, based on the above listed, or any other spectroscopic technologies, and which show potential for their use in the industry.



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Special Issue



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Message from the Editor-in-Chief

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