



Application of Spectroscopy as a Sustainable Tool for Agri-Food Product Inspection and Characterization

Guest Editors:

Dr. Roberto Beghi

Department of Agricultural and Environmental Sciences, Università degli Studi di Milano, Via Celoria 2, 20133 Milan, Italy

Dr. Valentina Giovenzana

Department of Agricultural and Environmental Sciences, University of Milan, 20122 Milan, Italy

Deadline for manuscript submissions:

closed (20 September 2021)

Message from the Guest Editors

Dear Colleagues,

The spectroscopic analysis in the region of visible-near infrared (vis/NIR) and near infrared (NIR) represents a powerful analytical tool. NIRs devices have been recently developed with attention to their simplification, by integrating user friendly software for statistical processing and partial automation of analysis, with the aim to fit less skillful users.

The development of optical instrumentation equipped with very inexpensive sensors that can be placed directly in contact with the sample for continuous monitoring without operator (thanks to cloud data storage) could be an interesting opportunity of developing.

Therefore, the aim of the Special Issue is to collect studies focused on agri-food new application, with particular attention to automation and integration in field and/or real scale plant. The submitted papers can cover different topics: products inspection and characterization, on-line applications, field applications, new prototypes, automation and networking of devices, proximal sensing.

Dr. Roberto Beghi
Dr. Valentina Giovenzana
Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)