

## Special Issue

# Machine Learning and Spectral Analysis for Smart Sensing

### Message from the Guest Editors

This Special Issue puts a particular emphasis on machine and deep learning and signal processing in its broadest sense applied to spectral data analysis for sensing applications including food authentication, virus detection and quality monitoring. This issue will cover, but is not limited to, the following topics:

- Signal processing, normalization, calibration and filtering;
- Machine and deep learning and modelling;
- Data-driven models and source separation;
- Pattern recognition and classification;
- Image processing and hyperspectral and multispectral imaging applications;
- UV-Vis-NIR spectroscopy;
- Surface-enhanced Raman scattering (SERS) spectroscopy;
- Bio-inspired sensors and systems;
- Portable and miniature spectrometers.

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### Guest Editors

Prof. Dr. Hui Wang

Prof. Dr. Paul Maguire

Dr. Omar Nibouche

Dr. Weiran Song

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### Deadline for manuscript submissions

closed (20 August 2021)



## Chemosensors

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### Message from the Editorial Board

*Chemosensors* continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

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