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Spectroscopy Journal



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Message from the Editor-in-Chief

Our journal aims to make a relevant contribution to the research of spectroscopy and will be dedicated to current topics of experimental and theoretical progress in the field.

We aim to provide a fresh perspective by covering an exciting range of spectroscopic topics, from well-established areas of research (UV-vis, IR/Raman, fluorescence/luminescence, and their time-resolved spectroscopies) to topics that are recently emerging (including artificial intelligence & machine learning, high-sensitivity, high-speed and high-throughput methods, in-situ methods, and newer spectral ranges).

Spectroscopy Journal also welcomes contributions entailing topics from a diverse array of perspectives, including but not limited to physics, chemistry, biology, medicine, and the engineering disciplines. There are many other emerging areas that are appropriate for inclusion in the MDPI *Spectroscopy Journal*, including contributions from geology, art history, astronomy, and food science, to name just a few.

Editor-in-Chief

Prof. Dr. Clemens Burda

Aims

Spectroscopy Journal (ISSN 2813-446X) is an international, open access journal on all aspects of spectroscopy. *Spectroscopy Journal* publishes reviews, regular research papers (articles), and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in the field of all facets of spectroscopy techniques, characterization, theory, and other spectroscopic developments.

Scope

Spectroscopy is concerned with the interaction between matter and any portion of the electromagnetic spectrum, and is applied in all disciplines, including physics, chemistry, biochemistry, biology, space science, material science, and in engineering. Contributions from non-photon experiments (e.g., electron, neutron, and proton experiments) are equally welcome.

The scope includes the following branches of spectroscopy:

- Gamma ray, X-ray, and UV-Vis spectroscopies;
- NIR/mid-infrared/Raman spectroscopy;
- Microwave and THz spectroscopy;
- High-resolution gas-phase atomic, molecular, and cluster spectroscopy;
- MS, NMR, and EPR spectroscopy;
- Fluorescence/bioluminescence/phosphorescence;
- Optical sensing in food/production/public safety;
- Spectromicroscopy/spectral imaging;
- Micro- and nanospectrometry;
- Time-resolved and multicolor microscopies;
- Time-resolved spectroscopies;
- Non-linear spectroscopies.

Such spectroscopies are utilized in many fields, which we welcome contributions on. These include the academic disciplines mentioned above but also applications in art conservation, field studies, remote sensing, astronomy, industrial applications, and more.

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July 2025

