



Editorial

Spectroscopy Journal—Open Access Journal on Spectroscopy

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It is my great pleasure to inaugurate the new MDPI journal, *Spectroscopy Journal* [1] (ISSN: 2813-446X). *Spectroscopy Journal* will be an international, peer-reviewed, high-quality, open access journal. Making a journal of high-quality research in the field of spectroscopy available to anyone who searches for reliable state-of-the-art information is a very positive development of our time. *Spectroscopy Journal* will be free for all readers, regardless of affiliation and location.

This new journal aims to not only be one more spectroscopy journal, but aims to provide a fresh perspective by covering an exciting range of spectroscopic topics, from well-established topics (UV-vis, IR/Raman, time-resolved spectroscopies, and online in situ monitoring) to topics that have recently emerged (new computational approaches, including artificial intelligence & machine learning; new high-sensitivity, high-speed, high-throughput methods; and inclusion of newer spectral ranges).

The journal welcomes contributions entailing spectroscopic themes from the perspective of diverse disciplines, including, but not limited to, physics, chemistry, biology, and medicine. There are many other emerging areas that are appropriate for the *Spectroscopy Journal*, including contributions from astronomy, art conservation, and sustainability, to name just a few.

Much of my own lab's interdisciplinary work is driven by a spectroscopic approach. Recently, I was fortunate to co-author a third edition of the book, "Modern Optical Spectroscopy", with my good colleague and friend William W. Parson [2]. It covers a wide range of topics, from chemistry and materials to biochemistry, with a modern and in-depth treatment of spectroscopy. Other recent publications from my group are also listed as examples of spectroscopy-centered work [3–5]. I would like to highlight the outstanding Editorial Board that MDPI has assembled for this journal. Experts from many diverse fields and countries make up the Editorial Board of *Spectroscopy Journal* and are available to help support and guide this journal onto a path of sustained success.

We aim to accept original research articles, communications, and reviews. Our goal is to encourage authors to publish their experimental and computational results in as much detail as needed to be able to follow the results presented. For manuscripts including theoretical work, details of derivations should be provided, and for experimental work, the complete experimental details shall be provided so that the results are reproducible.

Additional files that cover the details of experiments and computations are encouraged alongside the publication as "Supplementary Materials". I am highly enthusiastic to start this new open access journal, and strongly encourage you to submit and share the news about our new journal.

Conflicts of Interest: The author declares no conflict of interest.



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Short Biography of Author



Prof. Dr. Clemens Burda is the Chemical Professor of the College of Arts and Science. His research is centered around Nanoscience, Photoscience and Photomedicine. Prof. Burda earned his PhD from the University of Basel in Switzerland and has been a postdoctoral scholar at the Georgia Institute of Technology studying the femtosecond time-resolved dynamics of photoexcited molecules and nanostructures. Since arriving at Case Western Reserve University in 2001, Dr. Burda was increasingly attracted to the biomedical opportunities that come with modern materials science and nanoscience. Prof. Burda has published over 200 publications in the fields of nanoscience to laser spectroscopy. His current h-index is 80 and his research has been cited over 35,000 times. His research has been funded by NIH, NSF, NASA, and the American Chemical Society. He is the proud mentor of over 20 graduate students, most of them are now professors themselves.

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