

## Special Issue

# Applications of Surface-Enhanced Raman Spectroscopy (SERS)

### Message from the Guest Editor

Surface-enhanced Raman spectroscopy (SERS) is a technique that provides significant augmentation to the Raman signal in Raman spectroscopy. Highly sensitive SERS applications have been proposed, developed, and employed in various fields, including electrochemical and catalytic areas, single molecule detection, bioanalyte sensing, and quantifications.

This Special Issue offers an overview of the recent developments and strategies related to SERS applications. We encourage researchers from interdisciplinary fields to submit their contributions to this Special Issue, especially those who are working on SERS and other variations of Raman spectroscopy, e.g.:

- Surface-enhanced spatially offset Raman spectroscopy (SEORS);
- Tip-enhanced Raman spectroscopy (TERS);
- Surface-enhanced resonance Raman spectroscopy (SERRS);
- Surface-enhanced coherent anti-stokes Raman scattering (SECARS);
- Surface-enhanced stimulated Raman spectroscopy (SESRS);
- Surface-enhanced Raman optical activity (SEROA);
- Surface-enhanced hyper Raman scattering.

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### Guest Editor

Dr. Clement Yuen  
Nanyang Technological University, Singapore

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### Deadline for manuscript submissions

closed (31 August 2021)



## Photonics

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