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Raman and Surface-Enhanced Raman Scattering Techniques in Analytical and Biomedical Fields

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Deadline for manuscript submissions:
closed (30 April 2025)

Message from the Guest Editors

Dear Colleagues,

Raman and Surface-Enhanced Raman Scattering (SERS) techniques have advanced significantly, becoming a powerful analytical tool in materials science, pharmaceuticals, biosensors, environmental monitoring, and the analysis of biological systems. Raman technology has developed high-resolution imaging and portable systems for on-site analysis, while SERS has improved sensitivity to detect low concentrations of analytes. SERS has applications in biosensors and diagnostics, with the potential to revolutionize the medical field for disease detection and monitoring of therapeutic treatments. These advances make Raman technology and SERS versatile and valuable tools for future research and applications.

Dr. Leonardo Negri Furini
Dr. Rafael Jesus Gonçalves Rubira
Guest Editors

mdpi.com/si/172982

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